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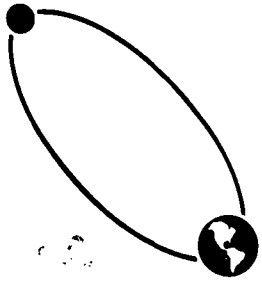

FINAL REPORT

FIELD STUDY OF VARIATION IN CHARACTERISTICS OF SEISMIC NOISE AND SIGNALS WITH GEOLOGIC AND GEOGRAPHIC ENVIRONMENT

PROJECT NO. VT/078 REPORT NO. VT/078-28

PREPARED FOR

United States Air Force Technical Applications Center

WASHINGTON 25, D. C.

Under Contract AF 33(600)-42048

15 JANUARY 1963 VOL. II

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Division of
UNITED ELECTRODYNAMICS, INC.

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6.1 California Profile Stations

Detailed descriptions of geology, topography and general recording conditions at each station of the California profile are following. For each station there is a brief text followed by a map and a photograph of the array vicinity.

6.2 - 6.3 Pacific Northwest and Appalachian Profile Stations

Descriptions of stations on these profiles follow as a continuation of Section 6.1.

6.1 Stations of the California Profile

6.1.1 Huasna River Slave Station Site

The Huasna River slave station was located in the Coast Range province of California, north of the Garlock and Big Pine Faults which mark the northern boundary of the Transverse Range province. The Coast Range province may be subdivided into the Salinas-Cuyama Basin, the portion west of the Nacimiento Fault, and the portions of the Temblor range east of the San Andreas Fault (10 b). Topographically, the Coast Range is a series of sharply divided ridges and valleys with an average elevation difference of about 600 meters. The Huasna River site was 23 km from the ocean behind the first group of hills along the coast, near the Suey Fault and about halfway between the coast and the Nacimiento Fault. The site was selected to avoid, as far as possible, the high level noise from a major highway, a railroad and several small towns along the coast.

In the immediate area of the Huasna River site there were several northwesterly trending ridges with gently sloping southwest flanks and steep northeast flanks. These ridges were interpreted to be a series of dip-slip faults down to the northeast, but examination did not reveal whether the faults were normal or reverse. From the aspect of a seismic array the geology was quite complex, the principal effects being sharply folded rocks with marked topographic expression, and proximity to the ocean. The station was on upper Miocene sandstone, most of which was covered with topsoil, so that only three seismometer plants were made directly on sandstone.

Figure 6.1.1 Geology and Topography
at Huasna Slave Station

Complexly folded and faulted Tertiary sediments form rough hills in the western part of the Coast Range. Most of the area is thickly covered with brush and oak.

Figure 6.1.2 Composite Photograph of a Ridge about 3 Miles West of the Huasna River Site, Illustrating the Complex Geology of the Area

6.1.2 Carrizo Slave Station Site

The Carrizo slave station, also in the Coast Range province, was located 53 kilometers from the ocean on the southwest site of the Carrizo plain west of the San Andreas fault zone. The Carrizo plain is the farthest southwest of the basins occurring in south central California, Nevada and Utah, which do not have drainage to the ocean and are typically dry lakes through most of the year. The flanks of the basins are defined by a complex of faulting and uplift.

Geologically, the San Andreas and the Nacimiento Faults are important factors in the Carrizo site, which is located between them. These faults are zones where recurring movement has folded an area several miles wide. The San Andreas Fault in the Temblor Range east of the Carrizo site is principally strike-slip, the southwest side moving north relative to the northeast side. The Nacimiento Fault, on the other hand, is dip-slip, down to the east. The thickness of the sedimentary column in this area is not uniform due to the complex faulting, but is generally less than 15,000 feet (10 b).

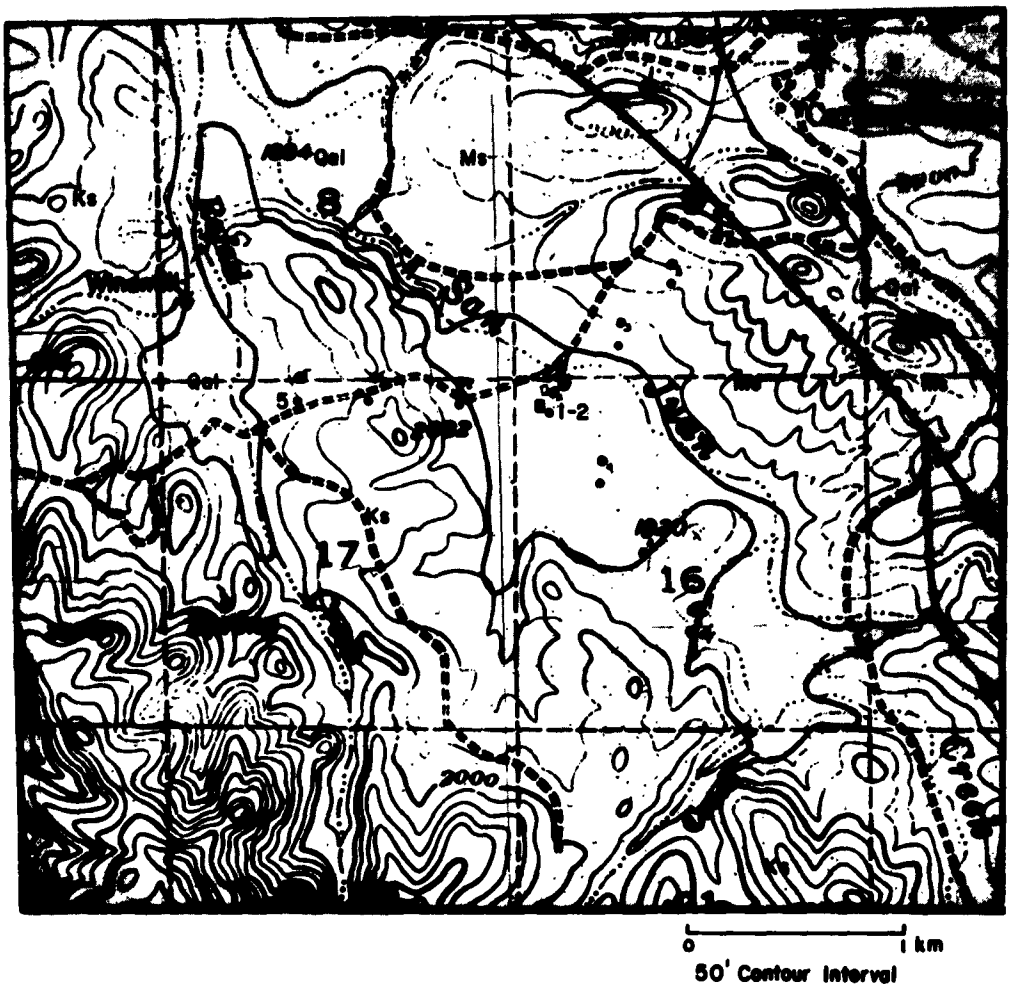


Figure 6.1.3 Geology and Topography
at Carrizo Slave Station

This station is in the eastern Coast Range. Folded and faulted Tertiary and Cretaceous sediments near the San Andreas Fault Zone form rolling oak-covered hills.

Figure 6.1.4 Carrizo Slave Station Looking Southwest

6.1.3 Elk Hills Slave Station Site

The Elk Hills slave station was located on the southwest side of the San Joaquin Valley, a thick asymmetric trough of Tertiary and Cretaceous sediments separating the Coast Range and the Sierra Nevada mountains (2 b). The site was over an anticline where the valley sediments are thickest, the depth to granite being 7100 meters.

The structure of the Southern San Joaquin Valley is well known from petroleum exploration. Its eastern half is a gradual wedge-out of sediments against the Jurassic granite of the Sierra Nevada batholith. Westward from the center of the valley, the sediments thicken to about 8000 meters, then rise sharply to outcrop in the Temblor range bordering the valley's west side. The western limit of the valley sediments is the San Andreas Fault zone just west of the Temblor range.

Within five miles of the Elk Hills station there were oil pipelines, pumping oil wells and the town of Buttonwillow. Although the chosen site was the best one available within reasonable distance of the planned line of the profile, the noise level above 2 cps, presumably cultural, was too high to allow recording of other frequencies at a level adequate for effective analysis. For this reason, the site was abandoned after 96 hours of recording.

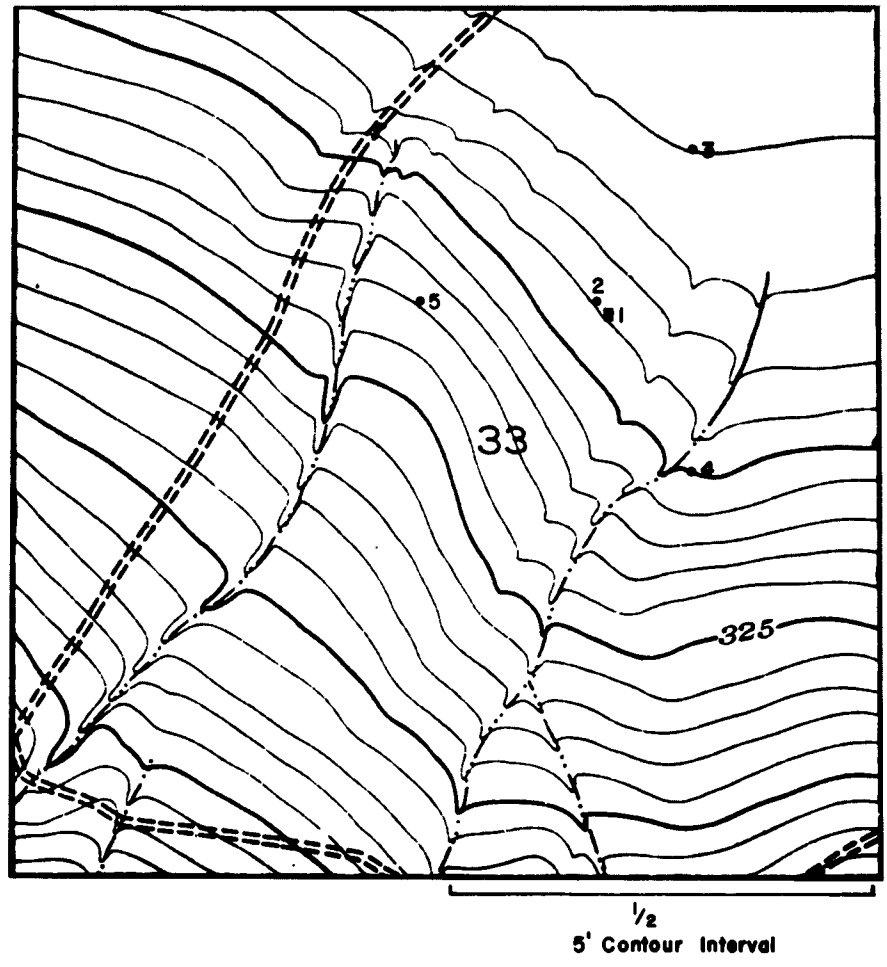
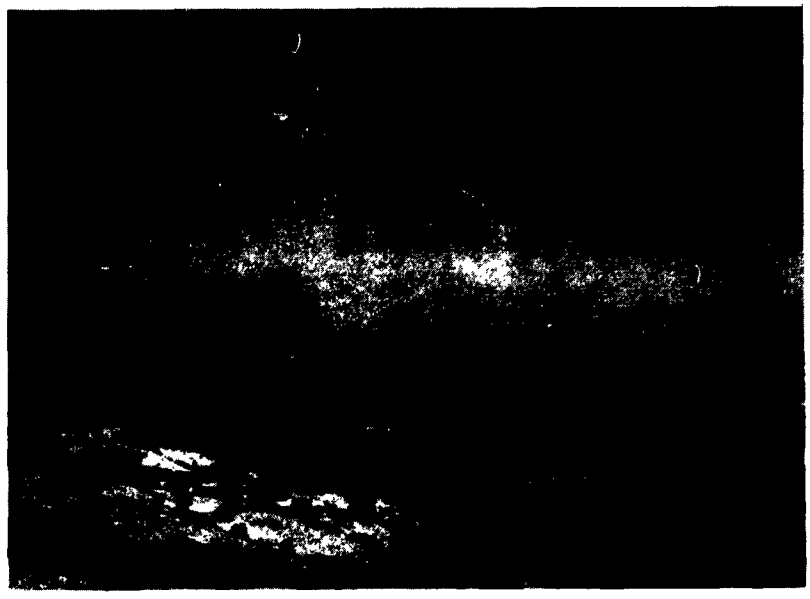


Figure 6.1.5 Elk Hills Slave Station

An alluvial fan covers some 7000 meters of sediments on the west side of the San Joaquin Valley. Sage and salt brush cover the area.



Elk Hills Slave Station Site from the Elk Hills
The approximate center of the area occupied is marked with an X.

At Elk Hills Slave Station Looking
Southeast from Number One Seismometer

Figure 6.1.6

6.1.4 Mannot Creek Slave Station Site

The Mannot Creek slave station was located on the east side of the San Joaquin Valley in order to study the effects of a large sedimentary wedge on signal and noise. Tertiary sediments, about 8000 meters thick in the center of the San Joaquin Valley, thin to the east and wedge out against the Sierra Nevada batholith about ten miles east of Mannot Creek. At the slave station site the sediments were about 1000 meters thick. There were producing oil fields to the west and south of the station site.

Both noise level below 1 second period and signal reception strength were higher at this station than at any other, but the S/N ratio was low. At first the high noise level was attributed to oilfield activity. However, the pumping cycle of wells in the area is about 3 seconds period and the relative noise level recorded on the station instruments in that band was not as high as the shorter period noise. Moreover, noise in the 1 second band, as measured from power spectra, had almost perfect log-normal distribution at the Mannot Creek station. Distribution of short period noise amplitudes from nearby oilfield activity would be far from normal if the noise were a mixture of random noise and approximately constant amplitude oilfield noise.

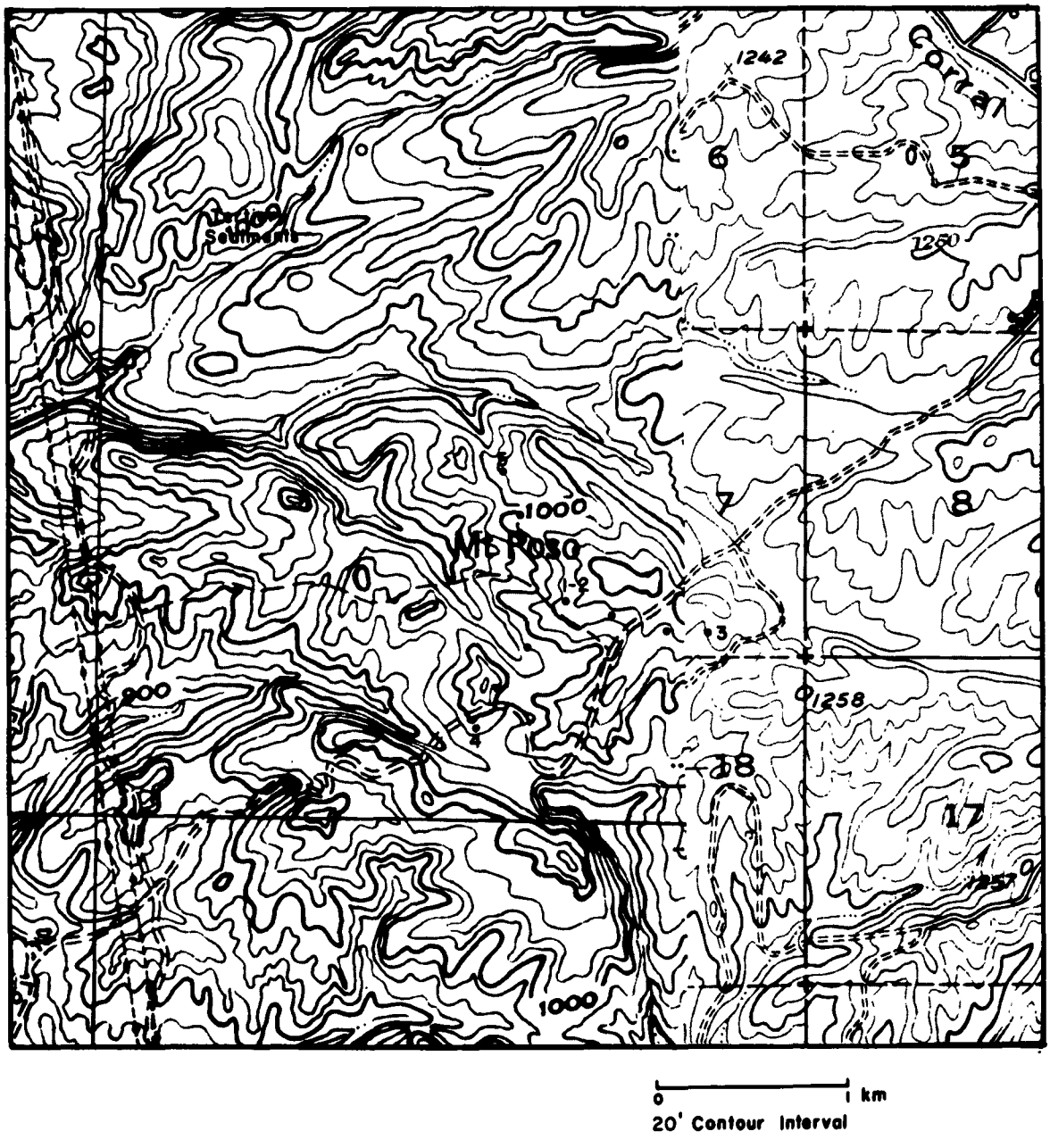


Figure 6.1.7 Mannot Creek Slave Station

Twelve hundred meters of sediments wedge out against granite of the Sierra Nevadas in this area of rolling, grass-covered hills on the east side of the San Joaquin Valley.

6.1.5 Round Mountain Master Station Site

Since the master station provided reference levels of signal and noise for control of corresponding recordings at slave stations along the profile, a relatively quiet recording station within reasonable distance of the field analysis center at Bakersfield was required. The location selected was on Jurassic granite of the Sierra Nevada batholith near the eastern edge of the San Joaquin Valley.

The array was laid out on a hill in the rolling Sierra Nevada foothills (Figure 6.1.8), where granite outcrops on most hilltops, but is covered by varying thickness of black soil elsewhere. All seismometers were buried near outcrops, where the depth to solid granite is probably no more than 15 feet.

Check-out of slave station equipment was made at Round Mountain station, before slave station recording was begun, by installing slave seismometers beside corresponding master seismometers for comparison of their response to essentially identical noise. Master and slave seismometer outputs were identical.

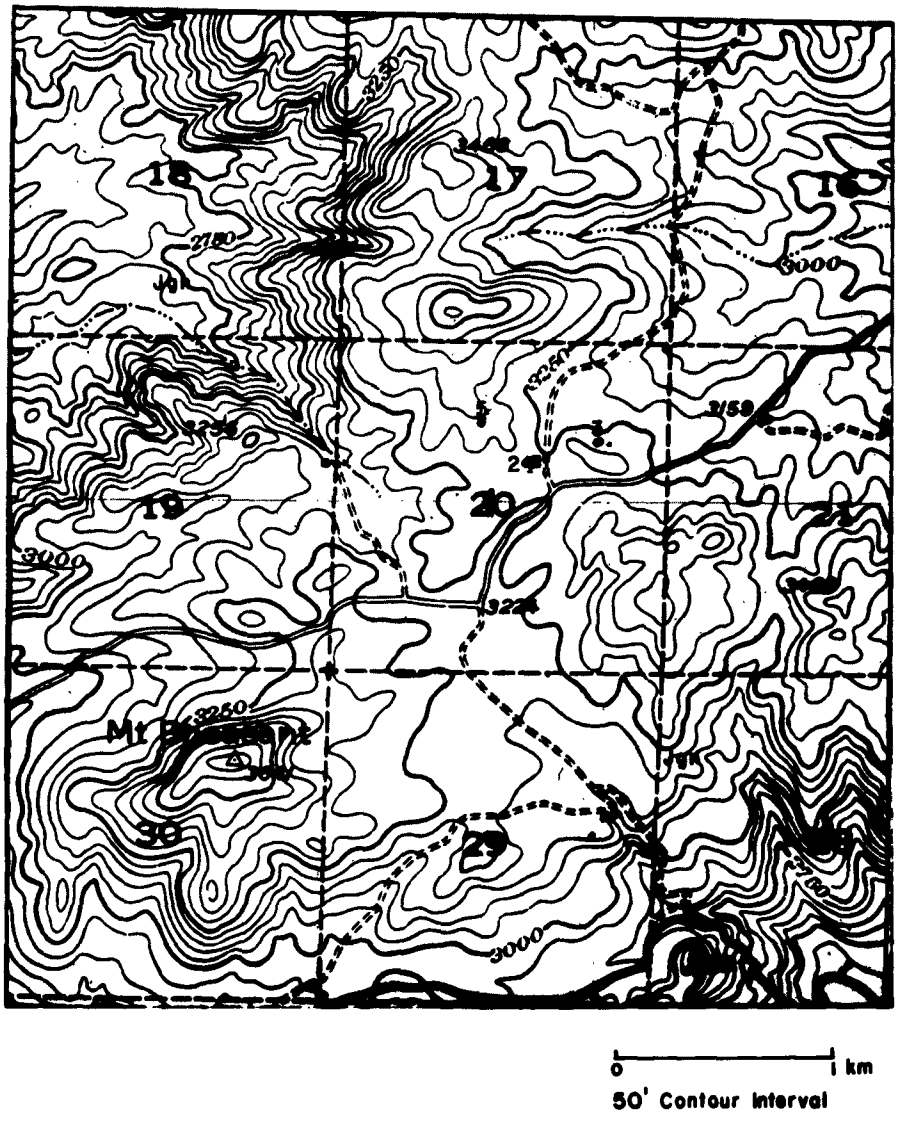


Figure 6.1.8 Round Mountain Master Station

Decomposed Jurassic granite forms oak-covered hills in the western part of the Sierra Nevada Province.

Figure 6.1.9 Round Mountain Master Station Site
Showing Master and Slave Recording Units

Terrain is typical of the Sierra Nevada foothills.

6.1.6 Cedar Creek Slave Station Site

The first slave station selected for occupancy, Cedar Creek, was in a small valley 5 kilometers east of the master station. The site was chosen to serve as a possible alternative master station if it were found to be seismically quieter than Round Mountain. Topography at this station was somewhat rougher and elevation lower than at Round Mountain, but the geological conditions at the two sites were practically identical. The over-all noise level at Cedar Creek was not distinguishably different from that at Round Mountain.

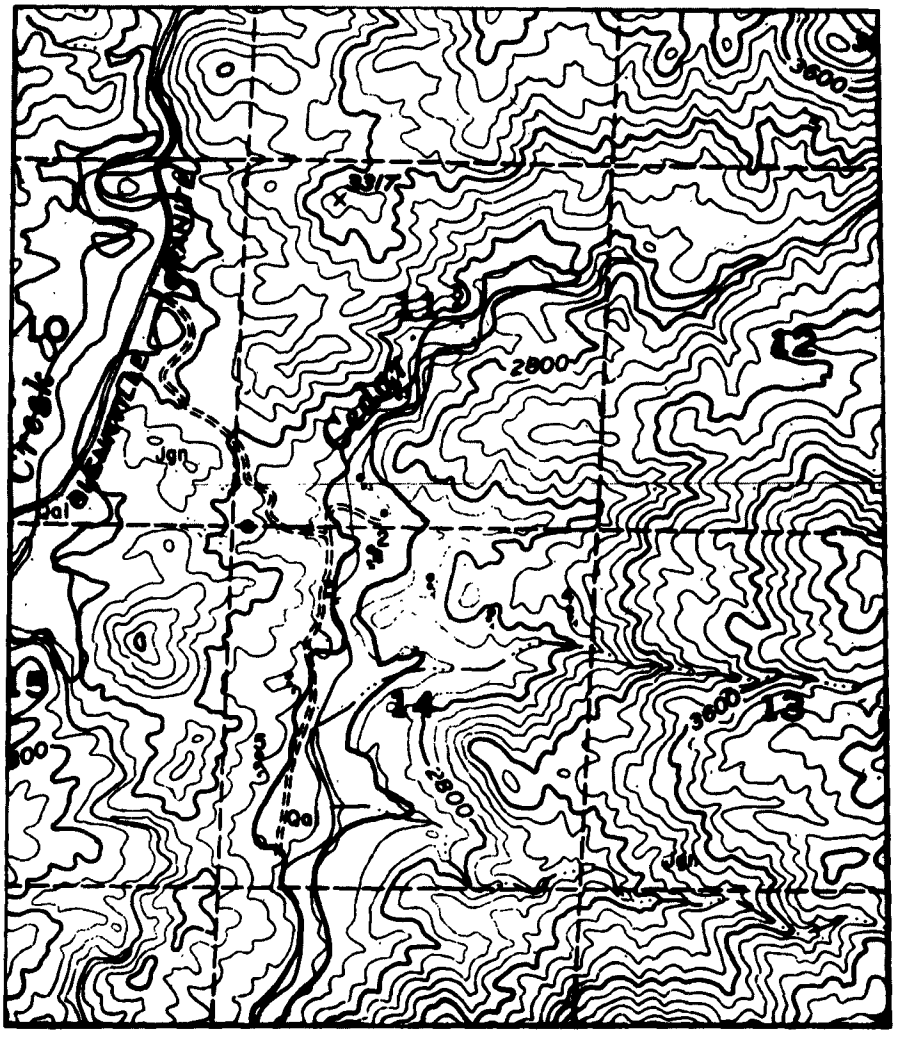


Figure 6.1.10 Geology and Topography at Cedar Creek Slave Station.

This site is in a small valley cut in Jurassic granite of the western Sierra Nevadas. The hills are covered by oak and brush.

Figure 6.1.11 Topography Near the Cedar Creek Slave Station Located 4.9 km Northeast of Master Station

6.1.7 Big Meadow Slave Station Site

The Big Meadow site was selected in order to test seismic noise in granite of the Sierra Nevada batholith at as high an elevation as possible. The station was located at an elevation of 7,700 feet in a small basin, the bed of a former mountain lake, now filled with gelatinous peat-like material (Figure 6.1.13). Originally, the seismometers were all located in the bog itself, where the noise level was very high in the 0.2 to 0.3 second band, especially during thunderstorms which were frequent during the recording period. When the seismometers were moved out to positions on granite at the borders of the meadow, the noise level was not much higher than at the master station.

The site was abandoned after 11 days of recording because of dangerous lightning conditions.

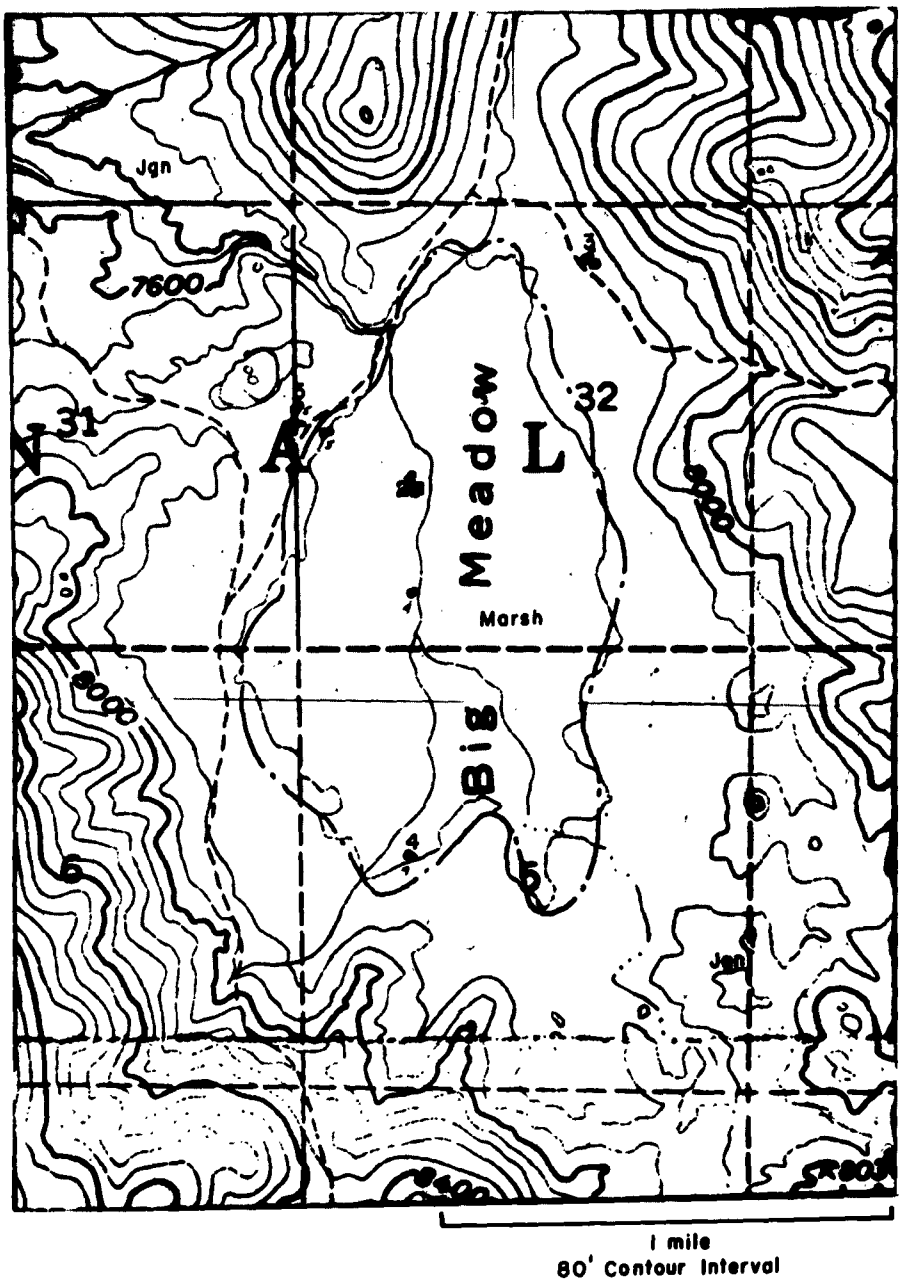


Figure 6.1.12 Geology and Topography at Big Meadow Slave Station

This Jurassic granite basin high in the Sierra Nevadas is filled with water-saturated peat-like material of a former lake bed. Brush and pine forest covers surrounding mountains.

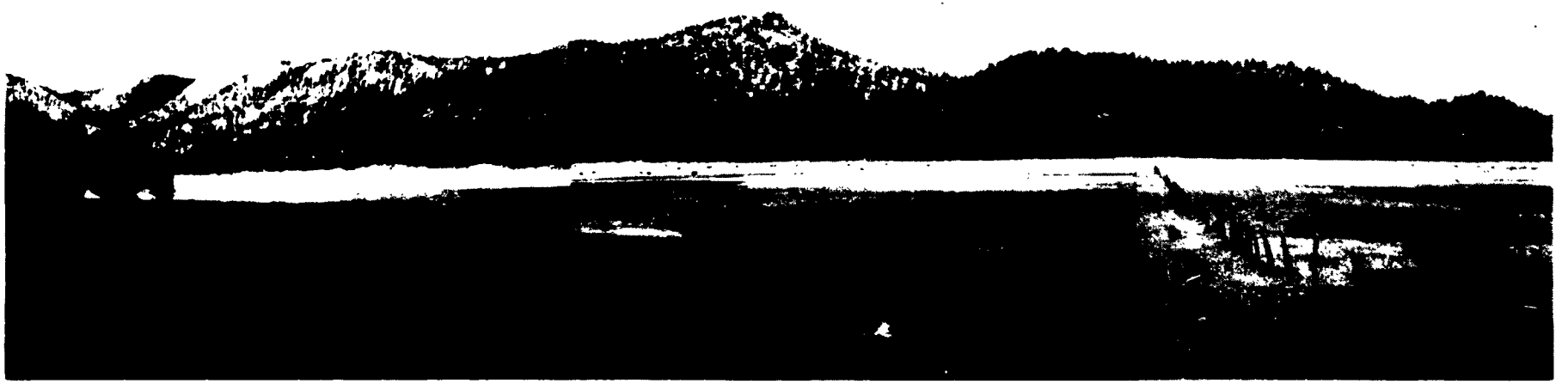


Figure 6.1.13 Big Meadow Slave Station Site

The foreground is a meadow, apparently a lake filled during recent times. The trees are growing on a granite outcrop.

6.1.8 Darwin Slave Station Site

The Darwin slave station was situated in a topographic saddle between the Inyo Mountains and the Argus Range east of Owens Valley. Jurassic granite of the Inyo Mountains and the Argus Range form an uplift axis parallel to the Sierra Nevada. Owens Valley, which separates the parallel uplifts, is a graben. Kane and Pakisor (20 b) have concluded that the Owens Valley fill, principally Tertiary rocks, varies from 300 to 1500 meters and that the margins of the valley are steeply dipping faults.

The Darwin site (Figure 6.1.15) was at an elevation of about 5,000 feet in a north-south trending valley with a thin layer of Quaternary sediments. The east side of the valley is Pennsylvanian limestone, in which there were inactive copper mines, while the west side was Quaternary volcanics. The Darwin Tear fault crossed the array about 0.3 kilometers north of its center. Seismometers were located both in the valley floor and in the hard rock along the edge of the valley. There were no local cultural noise sources.

Signal reception strength and short period noise amplitudes at this station were lower than at any other California station, but average S/N ratio was higher only at the Death Valley site.

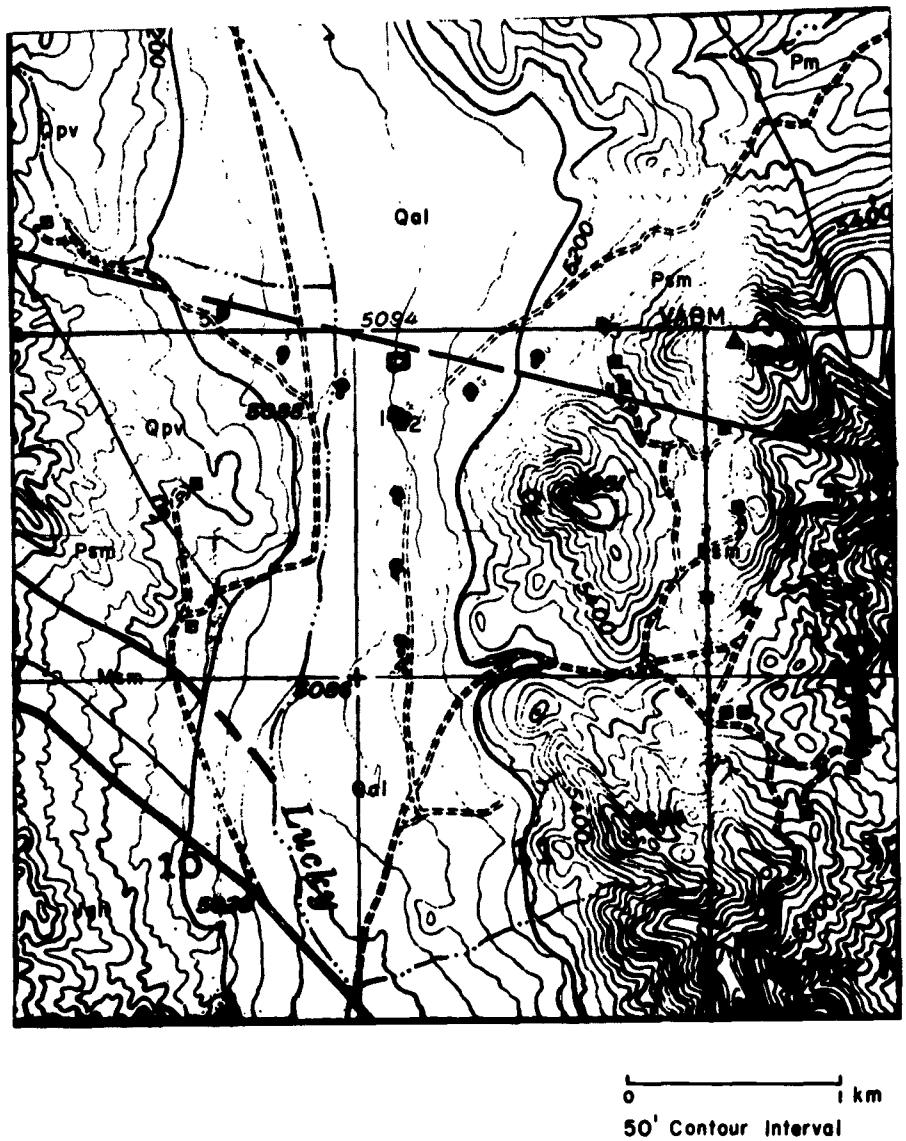


Figure 6.1.14 Geology and Topography at Darwin Slave Station

This Alluvium-filled valley in the barren Inyo Mountains is flanked by Pennsylvanian limestone on the east and by granite, volcanics and limestone on the west. The Darwin tear fault crosses the array.

Figure 6.1.15 Darwin Slave Station

This photograph is taken from the Pennsylvanian outcrop east of the Darwin Site. The hills in the background are Quarternary volcanics.

6.1.9 Panamint Slave Station Site

The Panamint slave station (21 b) was located near the apex of the Panamint mountains 19.5 kilometers south 30° west of the slave station site in Death Valley and about 5.5 kilometers southeast of the California profile line. The specific site was selected in order to obtain a location off the Emigrant Canyon highway that could be reached by truck.

Geology of the area is quite complex. In the array vicinity, Cambrian limestone is thrust-faulted over Jurassic granite, which is exposed near the array center by a fenster in the limestone thrust-plate. Most of the granite is covered by thin Quaternary alluvium which fills the valley. Figure 6.1.18 is a panorama of the site showing location of geologic contacts.

Figure 6.1.16 Geology and Topography
at Panamint Slave Station

This brush-covered valley is in the Panamint Mountains of eastern California. Lithology here is the most varied of any California station. Erosion of overthrust Cambrian limestone has exposed Jurassic granite and filled basins with alluvium.

Figure 6.1.17 Panamint Slave Station

There are a number of abandoned mines in this area.

6.1.10 Death Valley Slave Station

The Death Valley slave station site, the eastern most station of the California profile, was on the west side of the floor of Death Valley. It and the Panamint station occupied sites on opposite sides of the major fault forming the northeast face of the Panamint Mountains (23 b). This fault scarp is about 1500 meters. Since Death Valley is a fill of Tertiary and recent sedimentation to a depth of about 2,000 meters (15 b), the net vertical displacement of the Death Valley fault is about 3,500 meters.

Death Valley is a deep graben bordered by Paleozoic and Cambrian sediments of the Panamint and Funeral Mountains. The structure and geologic history of the whole region is extremely complex (18 b). The upper 300 meters of the Valley sediments are salt-laden alluvium inter-fingered with alluvial fans from surrounding mountains. The site on the Valley floor was selected because it was below sea level and because its structure was generally representative of the Basin and Range province to the east.

The array was set up on the Valley floor, partly on alluvial fan, partly on salt marsh which covers the center of the Valley. Elevation at array center was -240 feet. Number 4 seismometer was extended from 1/4 mile to 1/2 mile from the array center in the usual manner, but the 3/4 mile extension was not made because of extreme difficulty in transporting equipment in salt-laden mud.

Signal strength reception was about twice that obtained at other eastern stations of the profile. Noise level near 1 cps was low compared with the average for California and, despite the fact that all seismometers were on alluvium, S/N ratio was the highest of any California station. These results are in contradiction to the relations observed for sedimentary environment stations on the west half of the profile where, in general, signal strength was very high, noise level higher, and S/N ratio lower than for eastern stations on granite or old consolidated sediments.

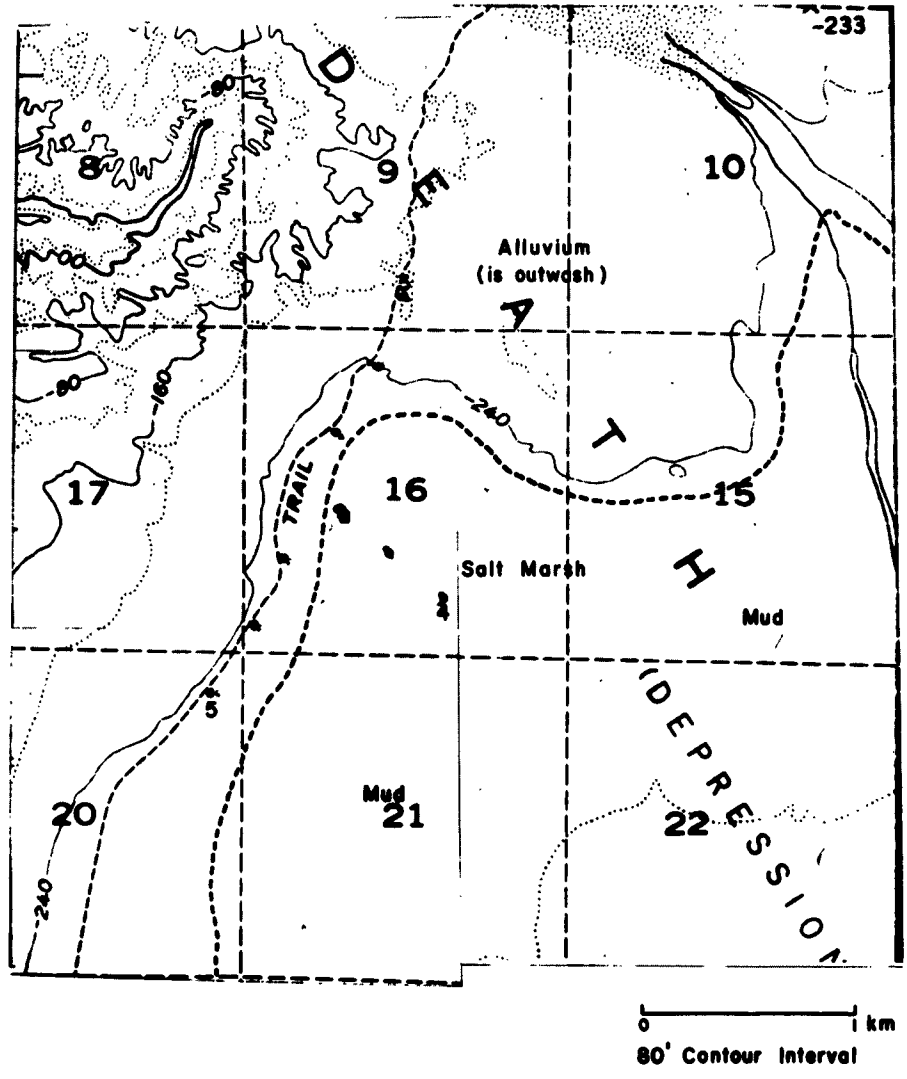


Figure 6.1.18 Geology and Topography
at Death Valley Slave Station

An alluvial fan from the Panamint Range extends down to salt marsh which covers the floor of this below-sea-level graben valley. There is no vegetation.

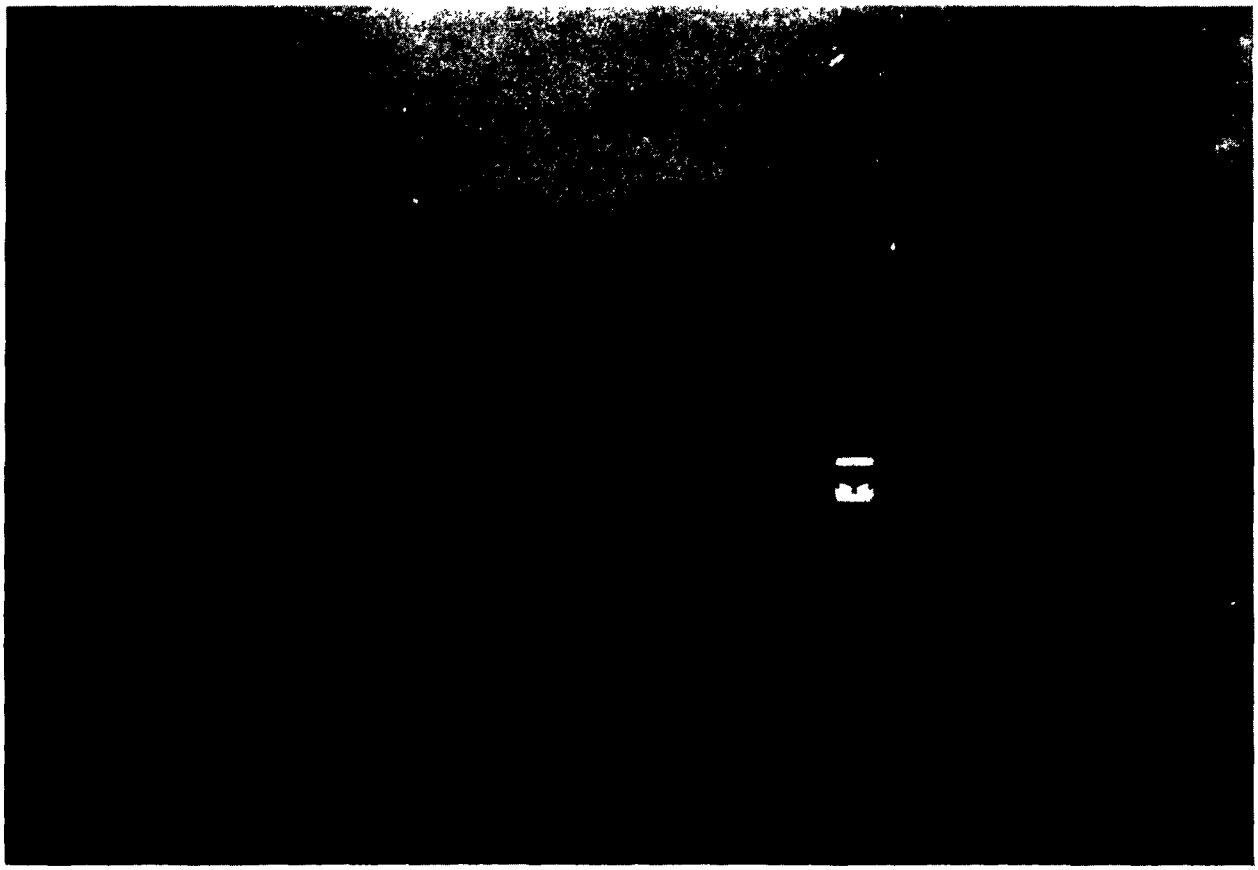


Figure 6.1.19 View Across Death Valley Station
Toward Panamint Mountains

KEY TO GEOLOGIC SYMBOLS USED IN

SITE DESCRIPTIONS FOR CALIFORNIA PROFILE (4 b)

Qal	Quaternary Alluvium
Qt	Quaternary Terraces
Qpv	Quaternary Pleistocene
Pml	Lower Pliocene Marine
Mm	Miocene Marine Sandstone
Mu	Upper Miocene Marine
ϕc	Oligocene Conglomerate
Ks	Upper Cretaceous Marine Sandstone
Jgn	Jurassic Granite
Pm	Permian Limestone
Psm	Pennsylvanian Limestone
Msm	Mississippian Limestone
C	Cambrian Limestone
LpC	Late Pre-Cambrian Limestone

6.2 Stations of the Pacific Northwest Profile

6.2.1 Markham Slave Station Site

The Markham slave station, farthest west of any station in the Pacific Northwest profile, was located five miles to the east of the Pacific Ocean and four miles to the south of Gray's Harbor estuary, on the west flank of the Coast Range which is best defined in the Olympic Mountains north of the profile. The entire region of the Markham site (30 b) with its flat-topped ridges and rather deep canyons is somewhat similar to the plateau country of the Southwest except for its dense forest coverage. The area is covered with primary and secondary growth timber and heavy underbrush, although the site itself was located in a cut-over part.

Geologically, the site is apparently a recently uplifted area in an entire region still in an early youth stage of its geomorphic cycle. Quaternary terraces of unconsolidated sand and glacial till partly cover east-dipping Miocene sand and shale.

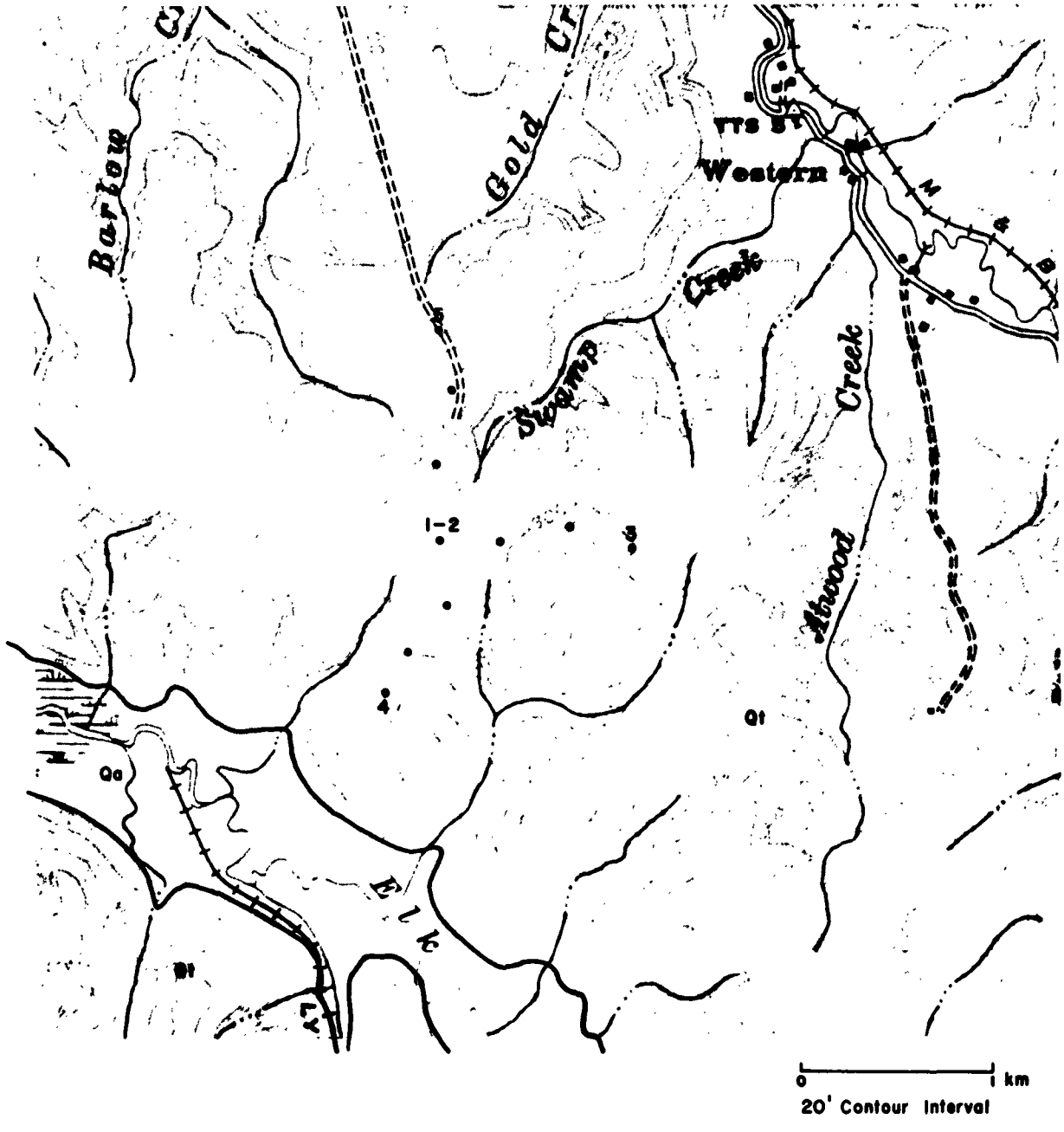


Figure 6.2.1 Geology and Topography at Markham Slave Station

This site is on the seacoast of western Washington. Tertiary terraces of sand and gravel form gentle hills thickly covered with pine forest.

Figure 6.2.2 Markham Slave Station
Site Near Center of Array

6.2.2 Mendota Slave Station Site

The Mendota slave station was located on the east flank of the Puget Sound-Willamette trough. Although regional dip is to the west, local structure is complicated by local faulting and uplift of the Cascades to the east. The rocks are classified as predominantly simple arkosic sandstones and shales with a dominance of greywackys. Although these sediments are Eocene in age, the area also contains some bodies of fresh-water sediments with small coal seams. Tertiary volcanics are present to a greater extent than at Randle to the east, but the depth to granite basement is unknown.

The area is typical of the Cascade foothill country, very hilly to mountainous, with some deep canyons and many streams and rivers. These waterways all draining to the west, have eroded the sediments to form razor-edged hill and ridge tops with no evident flatland. There are dense stands of second growth timber of fir, cedar, spruce and hemlock.

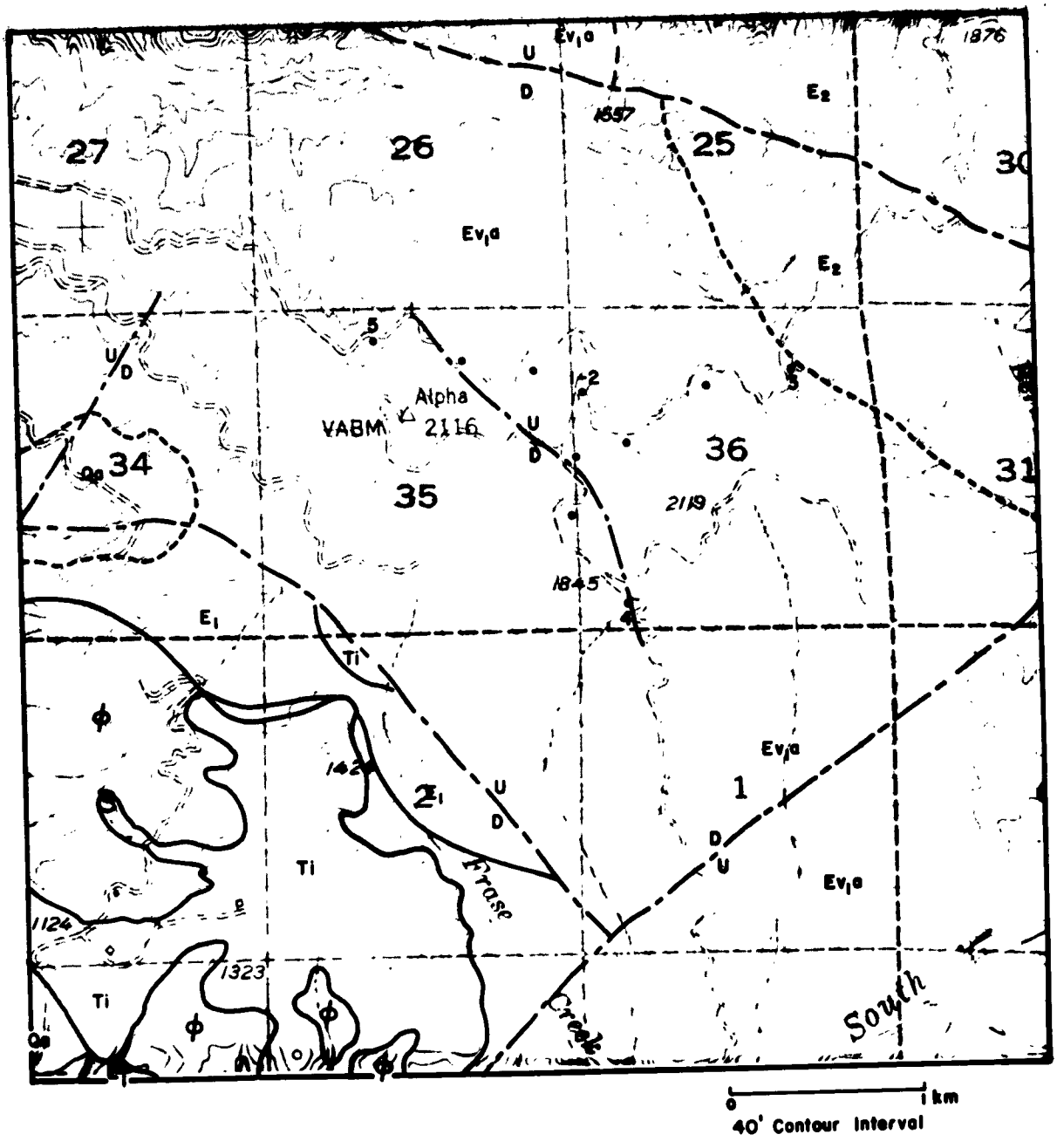


Figure 6.2.3 Geology and Topography at Mendota Slave Station

These mountains in the western Cascade Range are largely Tertiary volcanic rock.

Figure 6.2.4 General View of Mendota Slave Station in Western Foothills of the Cascade Mountains

6.2.3 Randle Slave Station Site

The geology in the area of the Randle slave station (29 b) in the central Cascade Range is typical of the Range, with extrusive volcanics of many thousands of feet, now being uplifted and eroded. These extrusives are acidicrhyolite and andesite, rather than the basic basalt of the Columbia plateau. Small lenses of lacustrine deposits are included in the successive layers of flows. Some of the volcanics are massive in nature, while others have definite stratification containing phenocrysts of unmelted host rock. Intrusions of Tertiary granite and diabase sills are found in remote parts of the area.

The rocks of the lower canyon around the slave station, where seismometer positions 1, 2, 3 and 4 were located, were of a green rhyolite type. Position 5 was approximately 1000 feet above the other positions on a ridge top in rocks of an andesitic nature with almost excessive bedding and large phenocrysts.

There are a few forested areas left in the region but most of the timber has been cut over.

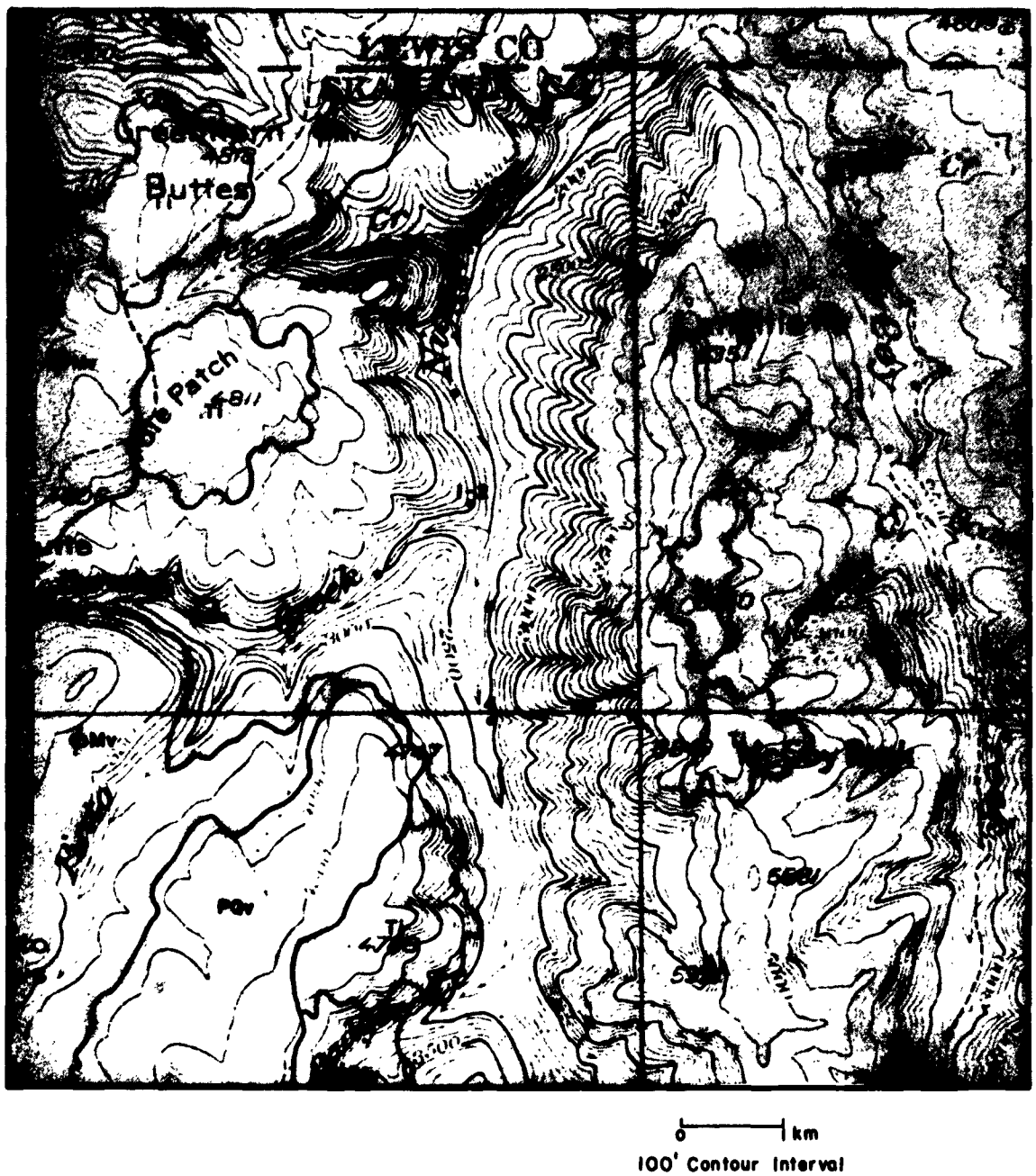


Figure 6.2.5 Geology and Topography at Randle Slave Station

The granite core of the Cascade Range is exposed through Tertiary lavas not far from here. Andesite plugs are common in these rugged mountains.

Figure 6.2.6 Topography Near Center of
Randle Slave Station in the Cascade Range

6.2.4 Toppenish Master Station Site

The master station (12 b) was located 73 kilometers nearly due east of Mount Adams (elevation - 3,750 meters), one of the major volcanic peaks of the Cascades. Its site was on the east slope of the mountains, about 65 kilometers west of the topographic axis of the Columbia River Basin. The east-west trending ridge on which the site was located is one of several ridges crossing central Washington characterized by steep to overturned north flanks and relatively gently dipping south flanks. There is some faulting along the north flanks. Dips are defined in successive layers of basalt. Near the axis of these folds several wells have been drilled for the purpose of penetrating the presumed Tertiary sedimentary sequence underlying the basalt. One such test in the Rattlesnake Hills, 85 kilometers northeast of the master station site, was abandoned in basaltic rock at 3250 meters. J. Hoover Mackin (22 b) has recently described methods for identification of particular basaltic flows, each of which has a distinctive pattern identifiable over a considerable distance.

Another of the features of the master station site was the presence of elongated captive dunes, trending east-west, of loess soil, two to three feet deep above hard rock level. The seismometers could be placed directly on the hard basaltic rock when pits were dug in the dune soil.

The surface of the site was rough with occasional lava boulders. Vegetation was sparse with sage brush attaining a height of about 0.5 meters.

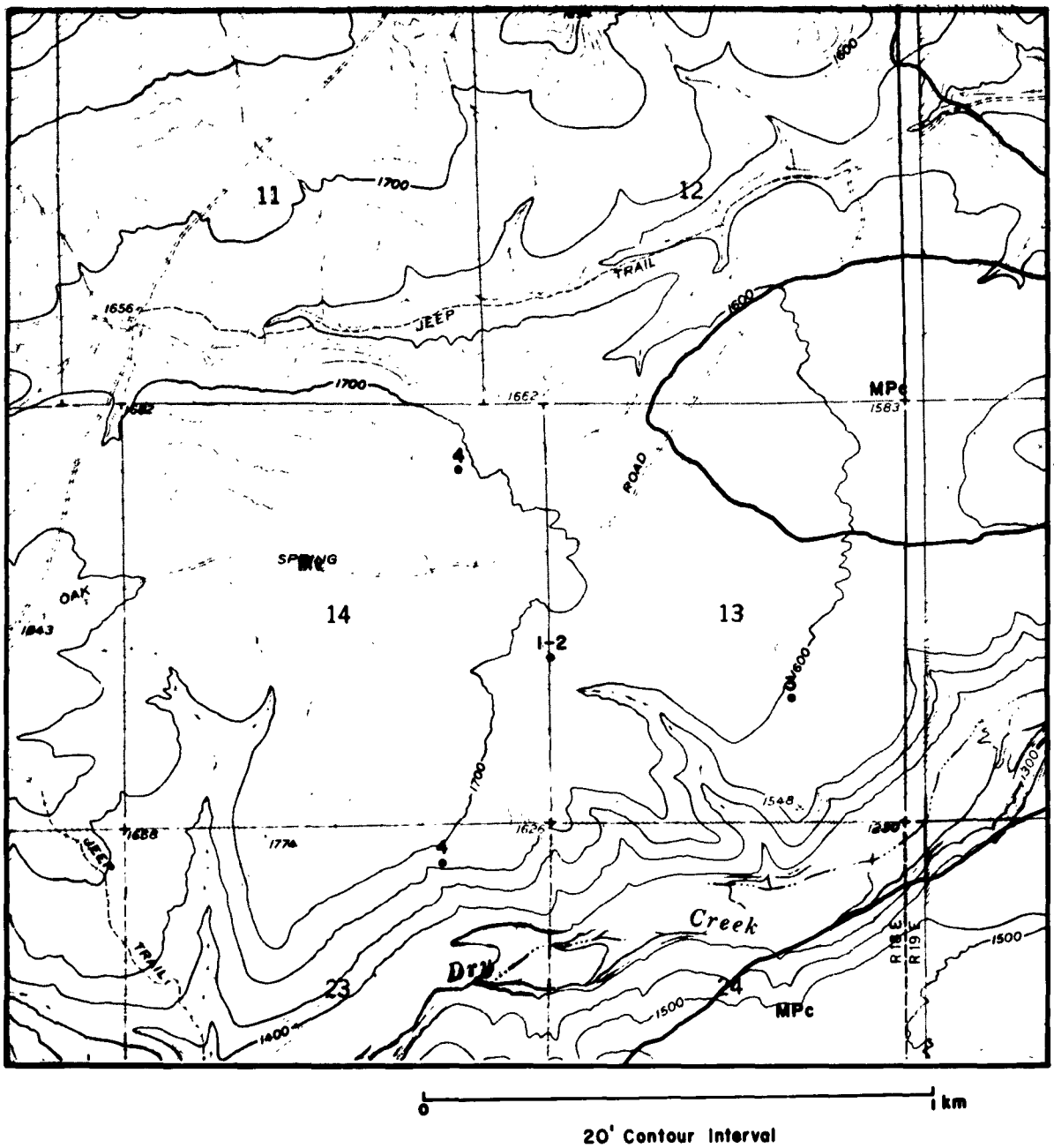


Figure 6.2.7 Geology and Topography
at Toppenish Ridge Master Station

This is on a barren ridge formed by a narrow fold in thick basalt flows of the Columbia River Basin.

Figure 6.2.8 Basaltic Flatlands at
Toppenish Ridge Master Station

6.2.5 Mabton Slave Station Site

The Mabton site was on the steep north side of the Horse Heaven Hills, 19.5 kilometers South 75° East of Toppenish Ridge master station. The Horse Heaven Hills are an approximately east-trending ridge with gentle south slope and steep north slope described in the previous section. The center of the Mabton site was about 6 kilometers north of the apex of the ridge.

In the canyons near the site a conglomerate, interpreted as originating from the Pliocene channel of the Columbia River, is exposed. The major lithology is dark gray to black, dense aphanitic Miocene basalt of the Columbia Plateau.

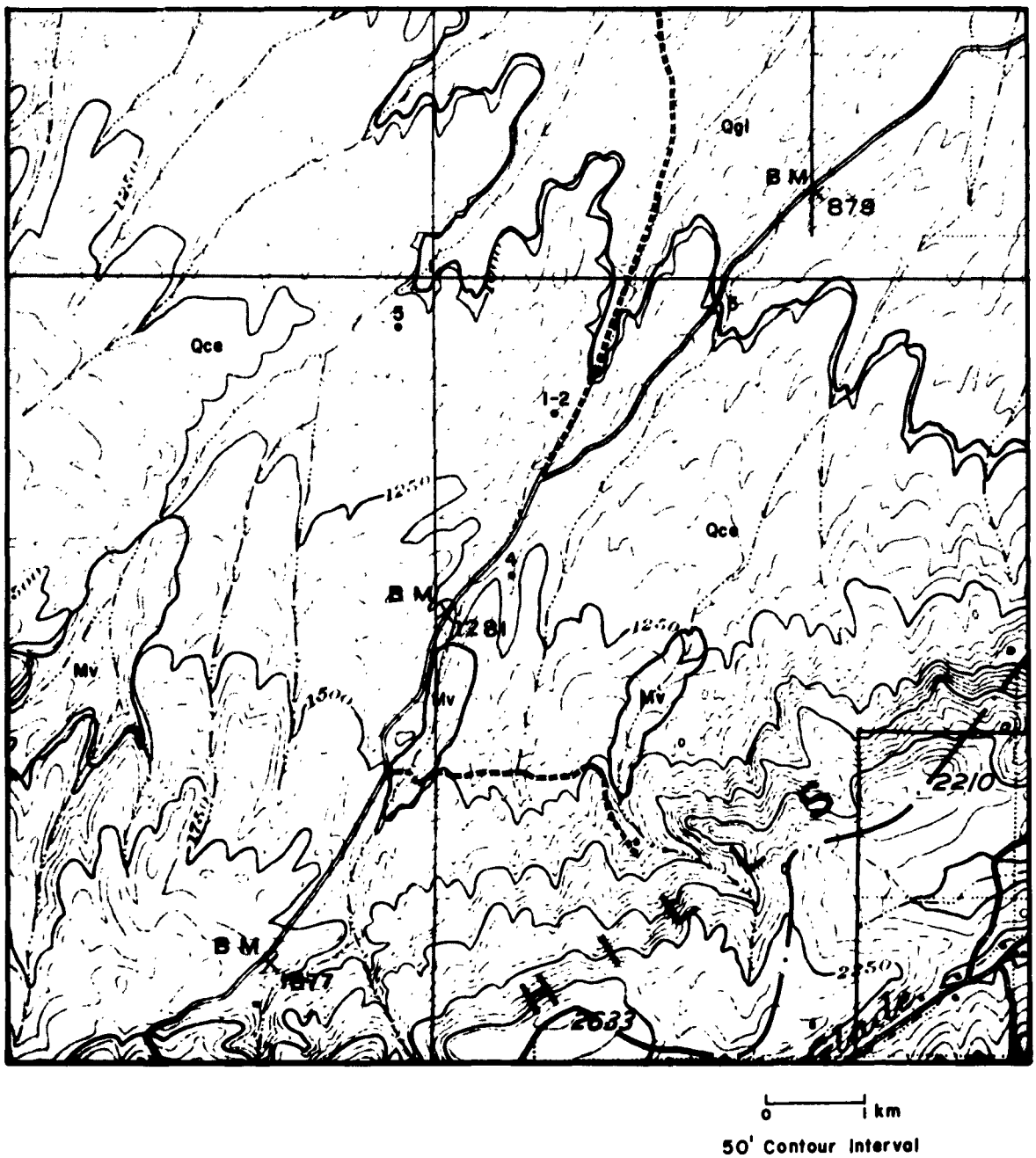


Figure 6.2.9 Geology and Topography at Mabton Slave Station

This site is on the steep north flank of one of a series of ridges formed by folds in lava fields of the Columbia River Basin. Quaternary loess covers lava here.

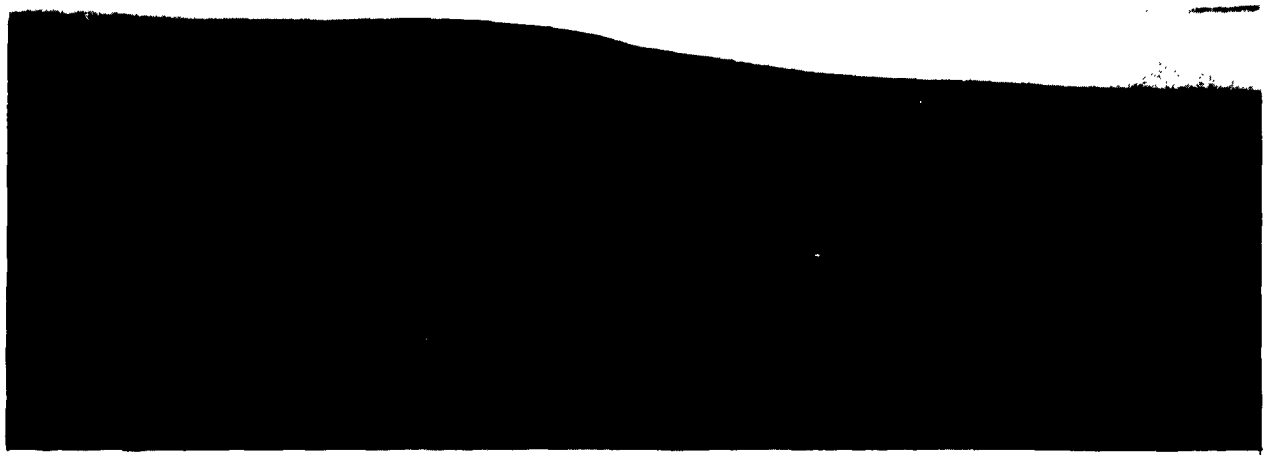


Figure 6.2.10 Mabton Slave Station Site
Showing the Rolling Grass Covered Hills

6.2.6 Paterson Slave Station Site

The Paterson slave station was situated on the south flank of the Horse Heaven Hills, about five miles north of the Columbia River, roughly at the center of the Columbia basin. Although the margins of this basin are poorly defined, it is a definite topographic low in over-all aspect. The site was located in an area where the course of the Columbia has been moved east by the rise of the Horse Heaven Hills.

Approximately 50 kilometers due north of the site a deep test well for petroleum was in basalt from the surface to total depth. However, there is some evidence for the existence of a zone of Tertiary sedimentary rock underlying the basalt layers. Sediments were encountered below 1500 meters in a 1960 well located about 160 km north of Paterson (32 b). The nearest outcrop evidence is east in the Blue Mountains where the basalt overlies granite.

The flat topography of the Paterson area is shown in Figure 6.2.12. The soil is mineral rich and would be excellent farm land in a less arid climate.

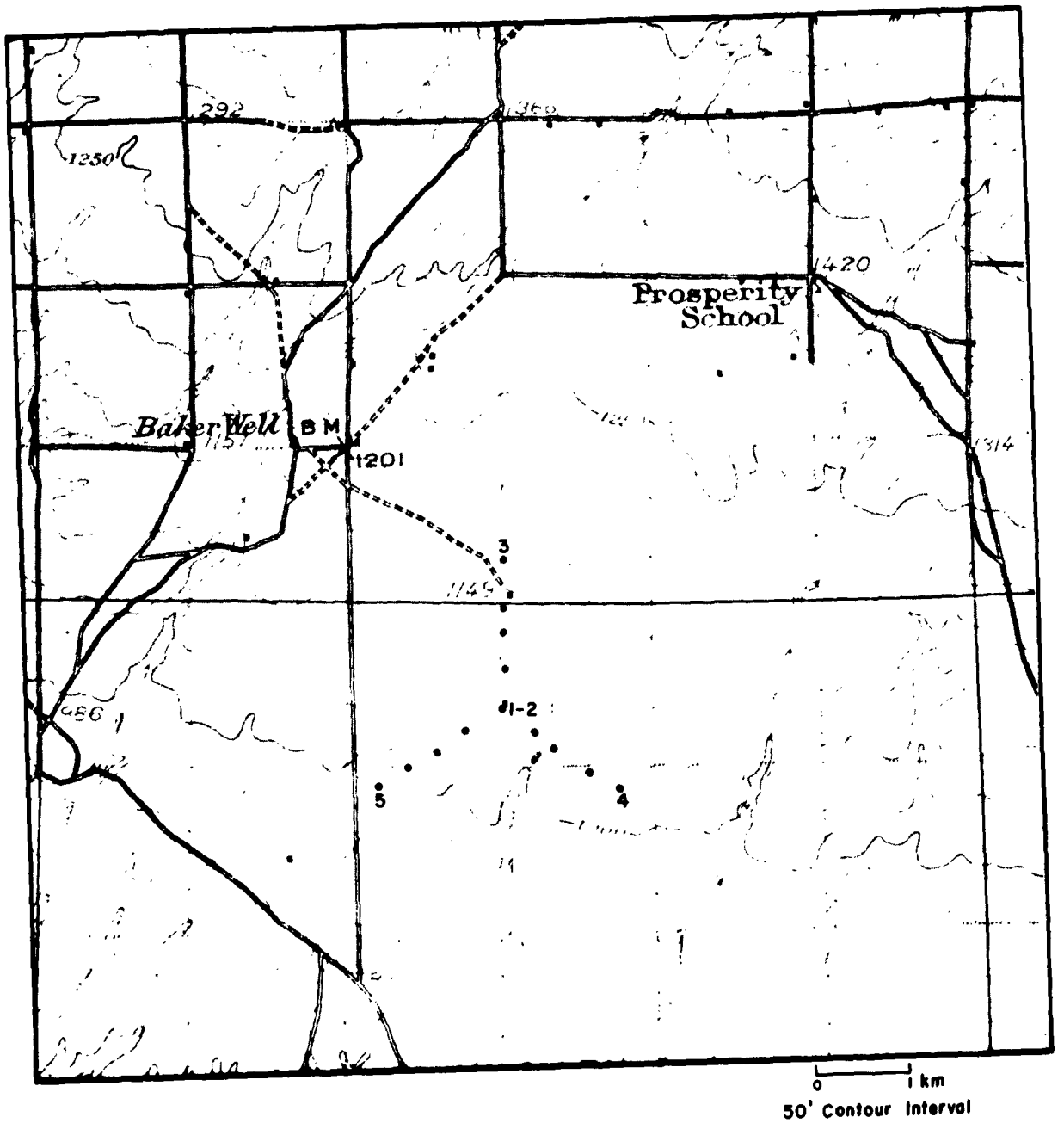


Figure 6.2.11 Paterson Slave Station

Quaternary loess covers thick basalt flows at the center of the Columbia River Basin. Vegetation is grass and light brush.

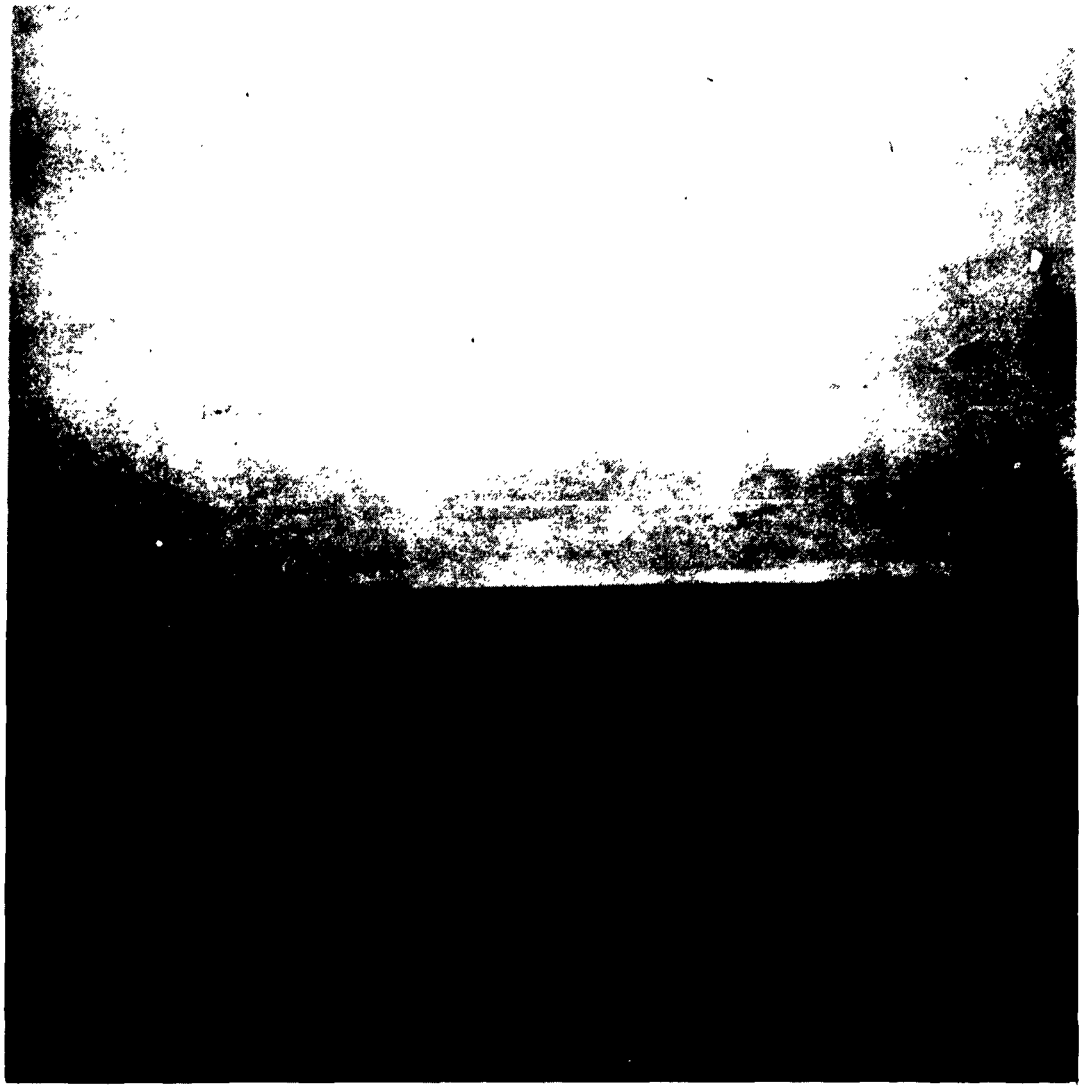


Figure 6.2.12 Paterson Slave Station
Site Looking Northeast

6.2.7 Gibbon Slave Station Site

The Gibbon slave station was located about 15 kilometers southeast of Milton-Freewater, Oregon, in a wooded area. At this site there is an estimated 800 to 1,000 meters of loess and basaltic layers on top of the granite, with exposures at the surface indicating a ratio of two to five feet of basalt to 100 to 500 feet of loess in alternating stratification. This ratio is in marked contrast to that in the Toppenish area where the basalt thickness is two to five feet and the loess is one to five inches. It is therefore probable that the source of the basalt lava flows, comprising the major lithology of the Columbia Plateau, is to the west of the Gibbon site.

Lithology at Gibbon is controlled by two principal factors. The thickness of the basalt flows to the west is typical of vulcanism since the flows, viscous by nature, will extend laterally only when voluminous. The rock profile at Gibbon shows successive lava flows terminating at various distances from the source, depending on size of each flow. The second factor controlling the depositional environment of the Gibbon site is the wind barrier to the loess-laden prevailing westerly winds, formed by the Blue Mountains of Oregon.

An erosion profile with nearly flat hill tops is due to resistance to erosion of the basalt flows and ease of weathering of the loess sediments. Blasting was employed to make seismometer vaults in the basalt.

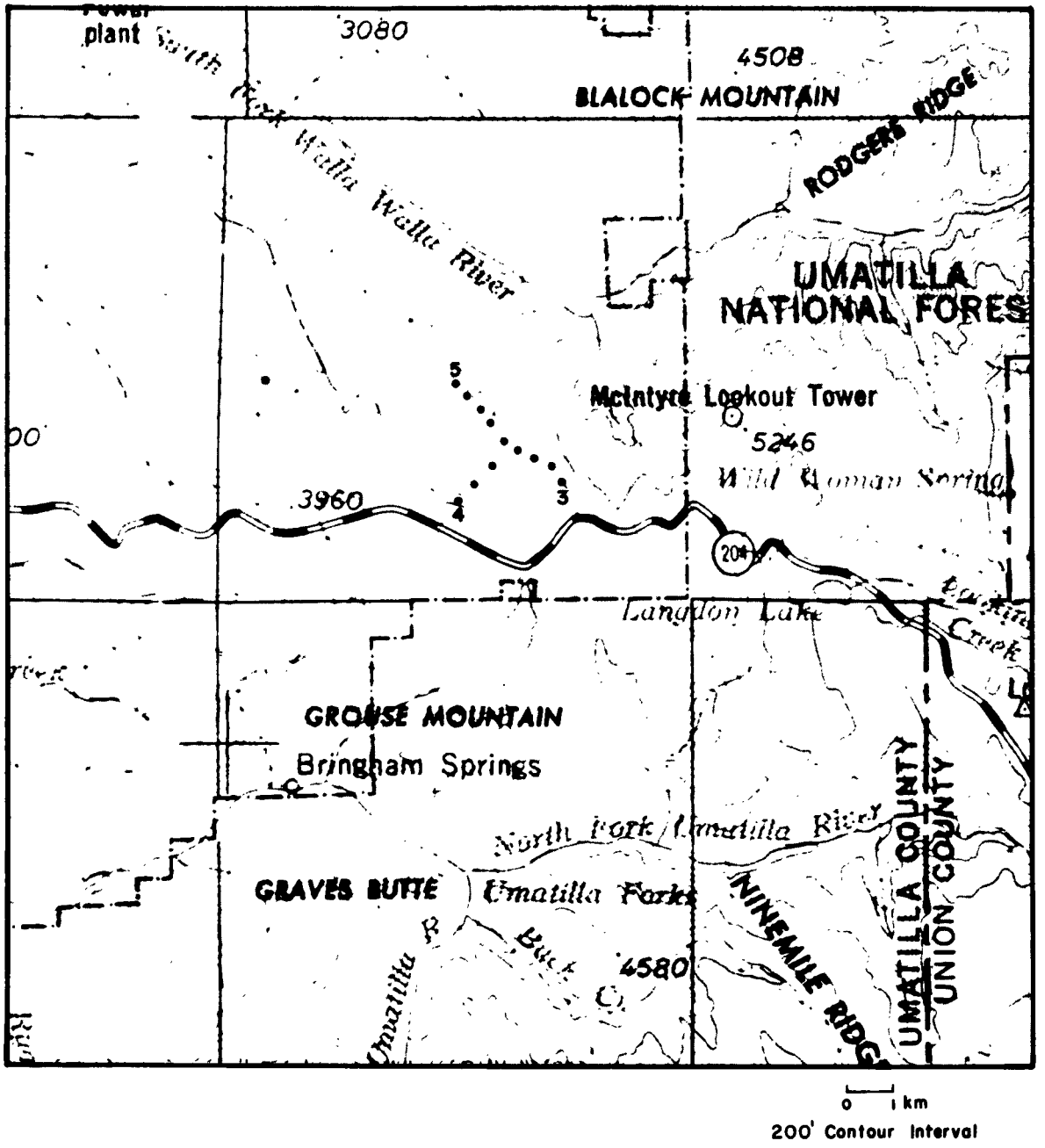


Figure 6.2.13 Gibbon Slave Station

About 1000 meters of basalt and loess cover granite in the forest-covered Blue Mountains east of the Columbia Basin.

Figure 6.2.14 Gibbon Slave Station Site in the Blue Mountains of Northeastern Oregon

6.2.8 Arnim Slave Station Site

The Arnim slave station (1 b) was located in a deep narrow canyon at the head of a large glacial valley in the Wallowa Mountains. These Mountains consist of basement granodiorite of Mesozoic age, overlaid by Triassic through Cretaceous metamorphic sediments which are, in turn, overlaid by Eocene and Miocene basalt flow. Since the uplift of this mountain range most of the basalt has been eroded in the central area, but basalt is still prominent as caps on some of the peaks and is dominant on all flanks of the range. The metasediments have been somewhat contorted by the uplift and the basements granodiorite is dominant in the central high country where it is surrounded by large pendants of metamorphics. There are two major faults in the area, the Wallowa fault along the east flank of the mountains and the Lostine River fault. At the slave station site the latter fault is evidenced by the granodiorite on one side of Lostine Canyon and the metasediments of marble and slates on the other side.

Topography is expressed in rugged mountains with deep canyons and high peaks. At the site granodiorite outcrops create a narrow rapids on the Lostine River. The valley opens up again further upstream but is covered with glacial till and avalanche debris, as it is below.

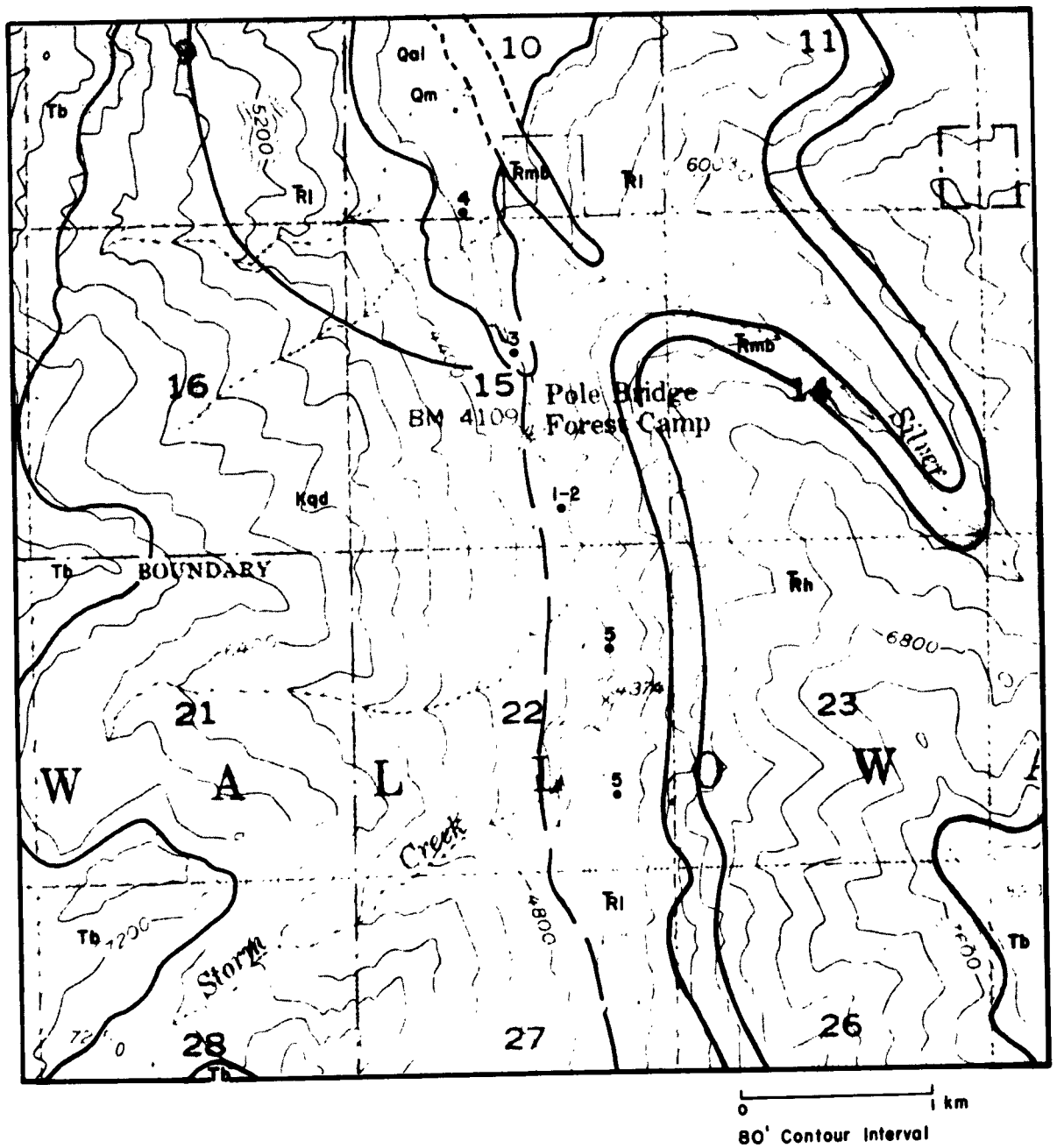


Figure 6.2.15 Geology and Topography at Armin Slave Station

This narrow valley in the Wallowa Mountains of Eastern Oregon is the only Pacific Northwest location where seismometers were placed on granitoid rock.

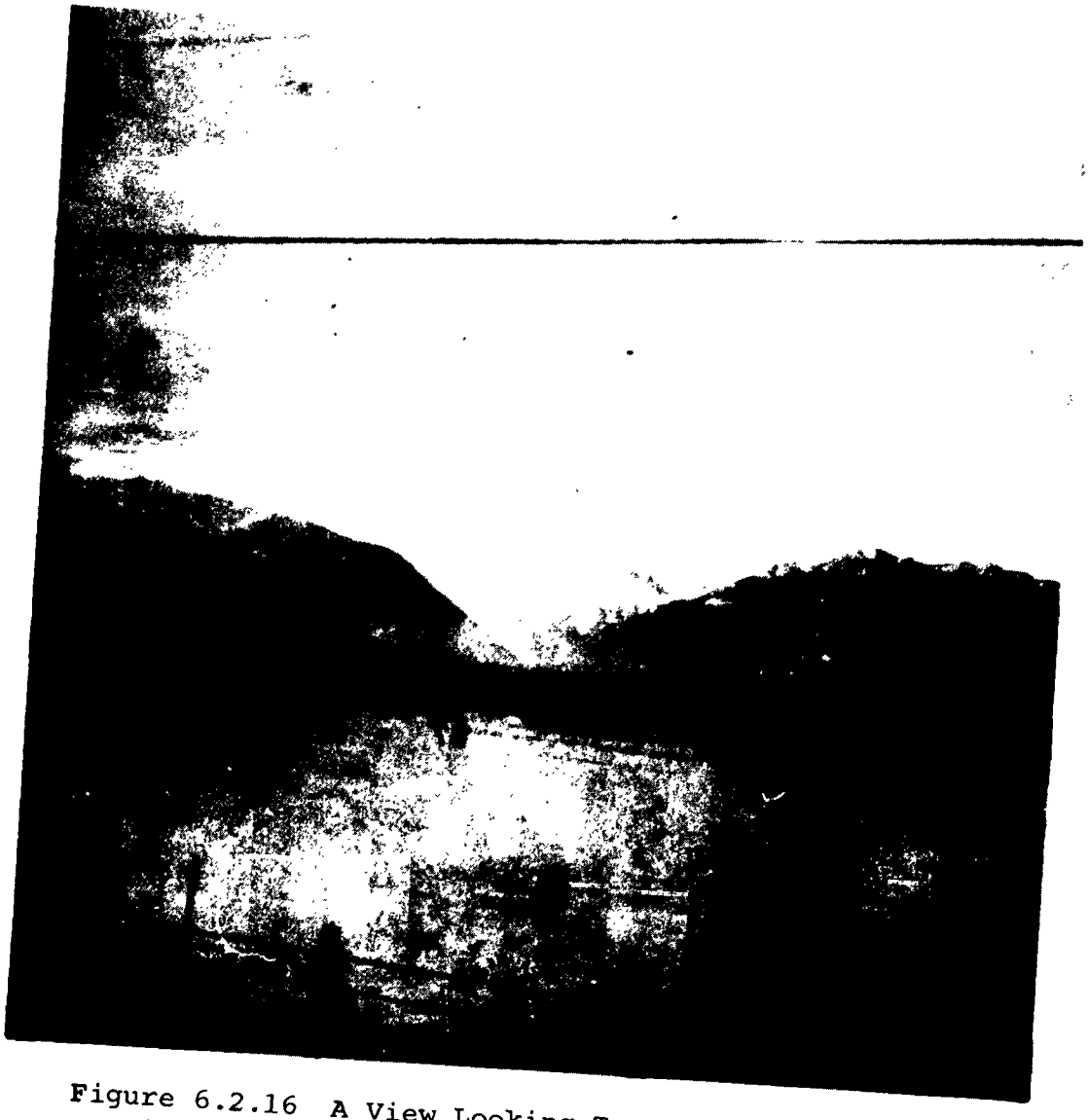


Figure 6.2.16 A View Looking Toward Lostine Canyon in the Wallowa Mountains of Eastern Oregon

Armin slave station is located several miles up the canyon at center of photo.

KEY TO GEOLOGIC SYMBOLS USED IN SITE DESCRIPTION FOR PACIFIC NORTHWEST PROFILE

Qa & Qal	Quaternary Alluvium
Qm	Quaternary Morainal Material
Qgl	Quaternary Glaciolacustrine Deposits
Qce	Quaternary Periglacial Eolain Deposits
Qt	Quaternary Terrace Deposits
PQv	Pliocene-Pleistocene Volcanic Rocks
MPc	Miocene-Pliocene Nonmarine Rocks
Mv & Tb	Miocene Volcanic Rocks
ϕMv	Oligocene-Miocene Volcanic Rocks
ϕ	Oligocene Marine Rocks
EOv	Eocene-Oligocene Volcanic Rocks
Ev_1	Upper Eocene Volcanic Rocks - Basalt
Ev_1a	Upper Eocene Volcanic Rocks - Andesite
E_2	Lower Upper Eocene Marine and Nonmarine Rocks
Ti	Tertiary Dikes, Sills and Small Intursive Bodies
Kgd	Cretaceous Quartz Diorite and Granodiorite
TRh	Upper Karnic Triassic Hurwal Formation
TRmb	Upper Karnic Triassic Martin Bridge Formation
TRl	Middle Karnic Triassic Lower Sedimentary Series

6.3 Stations of the Appalachian Profile

6.3.1 Birch River Slave Station Site

The Birch River slave station (39 b, 40 b) was located near the arbitrary boundary separating the Allegheny and Cumberland Plateaus of West Virginia. The rocks exposed at the surface are mainly continental and coal-bearing sediments belonging to the Pennsylvania system of Conemough to Pottsville series (38 b). These Pennsylvanian rocks lie conformably above the Mississippian and Devonian sediments and are overlaid by Permian rocks of Dunkard age. The Appalachian movement warped these rocks of the Allegheny Plateau into a series of gentle anticlines and synclines. Minor faults associated with this warping are present at the Birch River site, which was located on the northwest edge of an anticline (13 b).

Topographically the Allegheny Plateau shows local relief of 800 to 1000 feet.

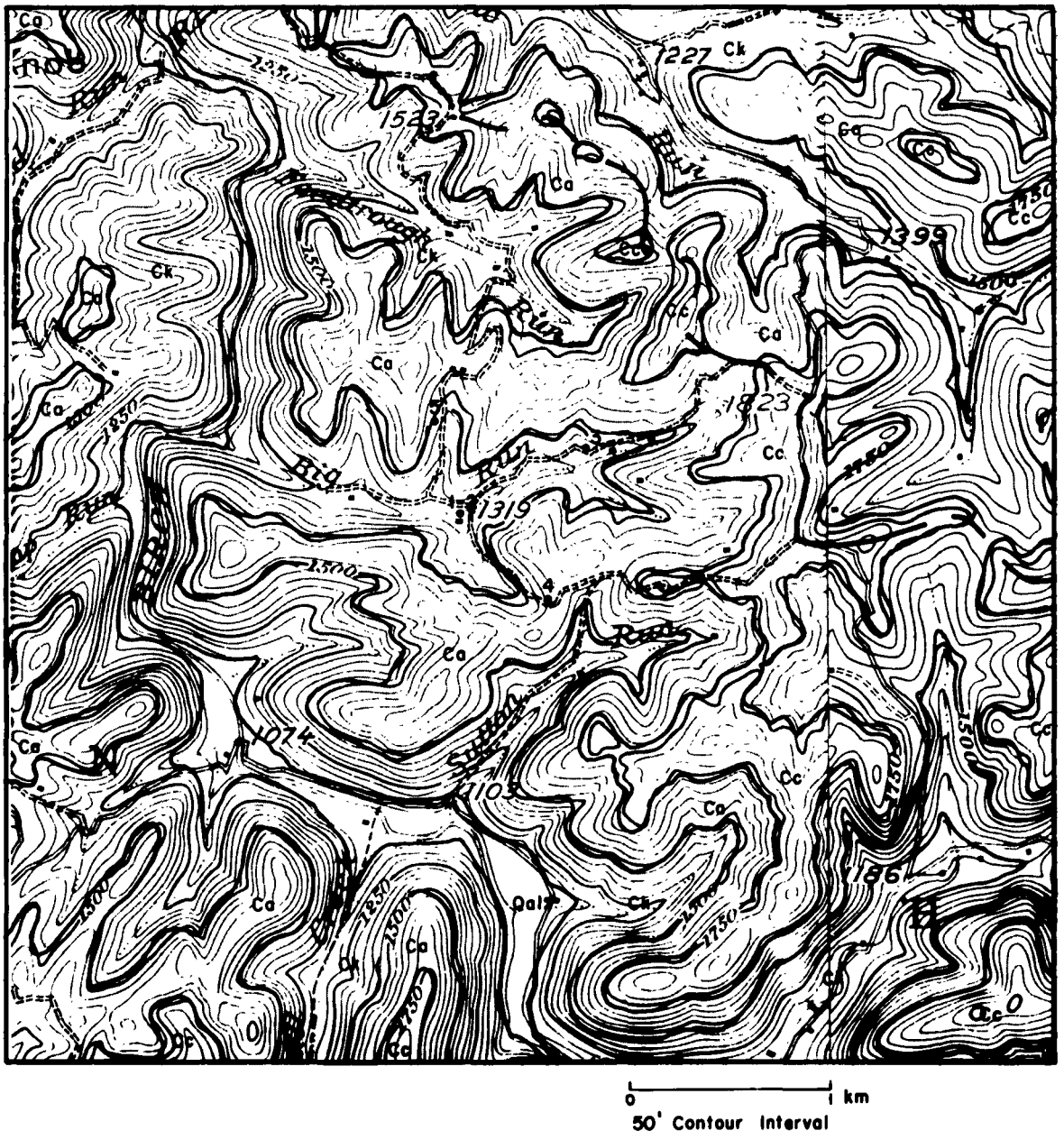


Figure 6.3.1 Geology and Topography
at Birch River Slave Station

Essentially undeformed Pennsylvanian sediments of the Plateau Province are eroded into rough mountains covered by hardwood forest.

Figure 6.3.2 Birch River Slave Station Site
in the Allegheny Plateau of West Virginia

Limestone outcrop in foreground.

6.3.2 Warm Springs Master Station Site

The Warm Springs master station (6b, 7b) was situated on Black Creek Mountain of the Allegheny Mountains, in the New Appalachian province of highly folded and thrust-faulted Devonian and older rocks. The anticlines and synclines are asymmetric in character, with the stress for the large thrust faults originating to the southeast (8b, 35b). Major tectonic lineation is in a NNE by SSW bearing. With this structural configuration, the long narrow valleys and ridges of the Allegheny and Appalachian Mountains produce a trellis drainage pattern, characteristic of the "Valley and Ridge Province," as the area is commonly named.

The site was located near a division between the southern Appalachians where faulting (particularly thrust-faulting) dominates, and the central Appalachians where folding dominates (15 b). However, both processes are evident in each area, since major thrust-fault elements to the east form an enechelon pattern, and Devonian rocks of Helderbergian limestones through Romney shale are folded to form the Appalachian and Allegheny Mountains of northwestern Virginia.

Local topographic relief around Warm Springs master station shows average elevation differences of about 1,200 feet.

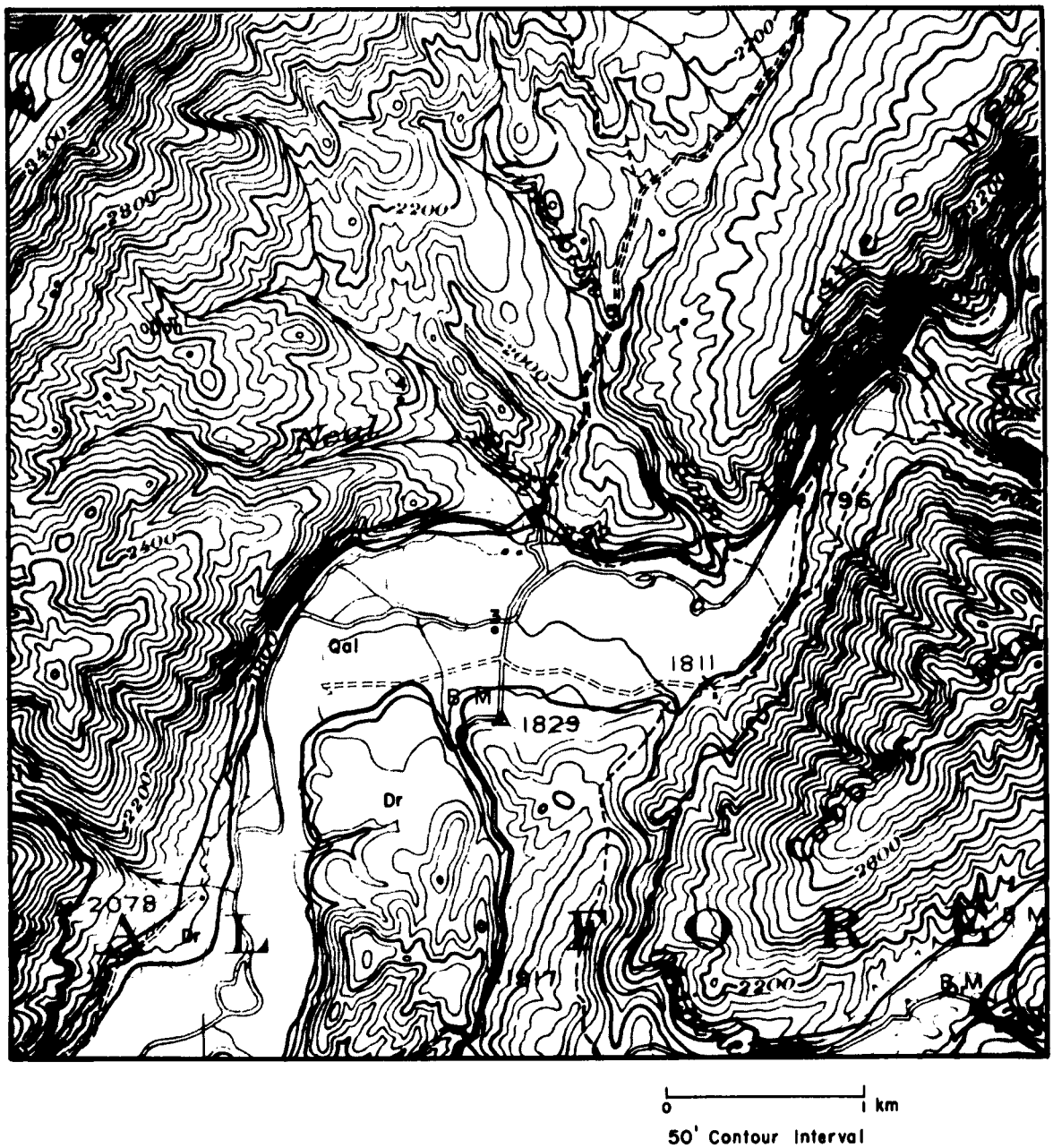


Figure 6.3.3 Geology and Topography of Warm Springs Master Station

Strongly folded Devonian sediments of the Appalachian Province form parallel narrow forest-covered ridges and valleys.

Figure 6.3.4 A General View Across Seismometer Position Number 4 of the Warm Springs Master Station in the Allegheny Mountains of Virginia

6.3.3 Buena Vista Slave Station

Buena Vista slave station was located on an anticlinorium in the Blue Ridge Mountains of Virginia. The Blue Ridge Mountains are flanked by the Great Valley to the west and the Piedmont to the East. The Great Valley was formed by erosion, due to the weakness of the Cambro-Ordovician limestones and Ordovician shales in contrast to the erosion-resistant Cambrian quartzites of the Blue Ridge. South of the Virginia state line, the geomorphic form of the Blue Ridge Mountains changes from a predominately narrow mountainous ridge to a rolling plateau.

Local topographic relief around the Buena Vista station is approximately 1,200 feet, while the regional change in relation to the Great Valley and the Piedmont province is 2,500 to 3,000 feet.

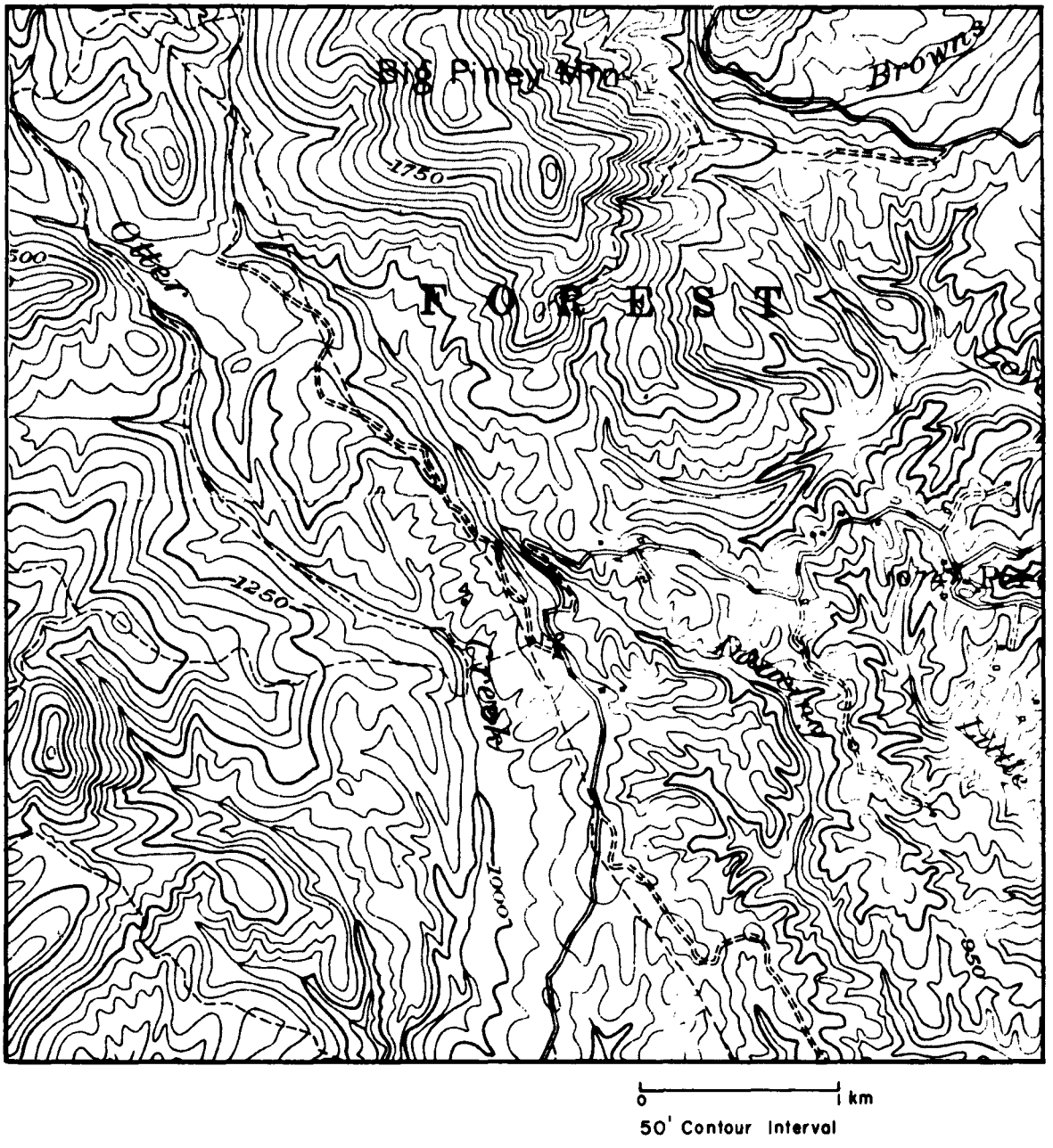


Figure 6.3.5 Buena Vista Slave Station

Upthrust Cambrian crystalline metamorphics of the Blue Ridge Province form steep, forest-covered mountains.

6.3.4 Farmville and Rawlings Slave Station Sites

The Farmville and Rawlings slave stations were located in the Piedmont province of Virginia. The province as a whole is an igneous and metamorphic complex of mostly granites, gneisses and schists with some belts of marble and quartzite. These rocks are mainly Paleozoic in age, but are, in part, Pre-Cambrian and Algonkian, belonging to the Glenarm Series. Local relief of a few hundred feet, due to mature dissection, is the general rule. However, numerous hills and ridges increase in frequency toward the Blue Ridge Mountains.

The Triassic Lowlands are characterized by several elongated basins formed by normal faulting. Upper Triassic sandstone and shale, cut by diabase dikes and sills, are found in the province. These Triassic rocks are tilted and faulted as are the Paleozoic and Pre-Cambrian rocks of the Piedmont.

At Farmville, rhyolitic Pre-Cambrian lava forms gentle hills, not in excess of 100 feet, giving good farming terrain with little forest cover. The topography and cultural conditions were similar at Rawlings slave station. Granitic Petersburgian rocks of Pre-Cambrian age comprise the dominant lithology of the area.

Plans to put the master station on metamorphic granite gneiss outcropping at Rawlings were changed when it was found that military activity at nearby Camp Pickett caused erratic, high-level noise.

Figure 6.3.6 Farmville Slave Station

Complex Pre-Cambrian metamorphics underlie gentle hills of the Piedmont Province. Most of the area is farmland.

Figure 6.3.7 Farmville Slave Station Site in the Piedmont Province of Virginia Looking to the Northwest from Seismometer Number 4

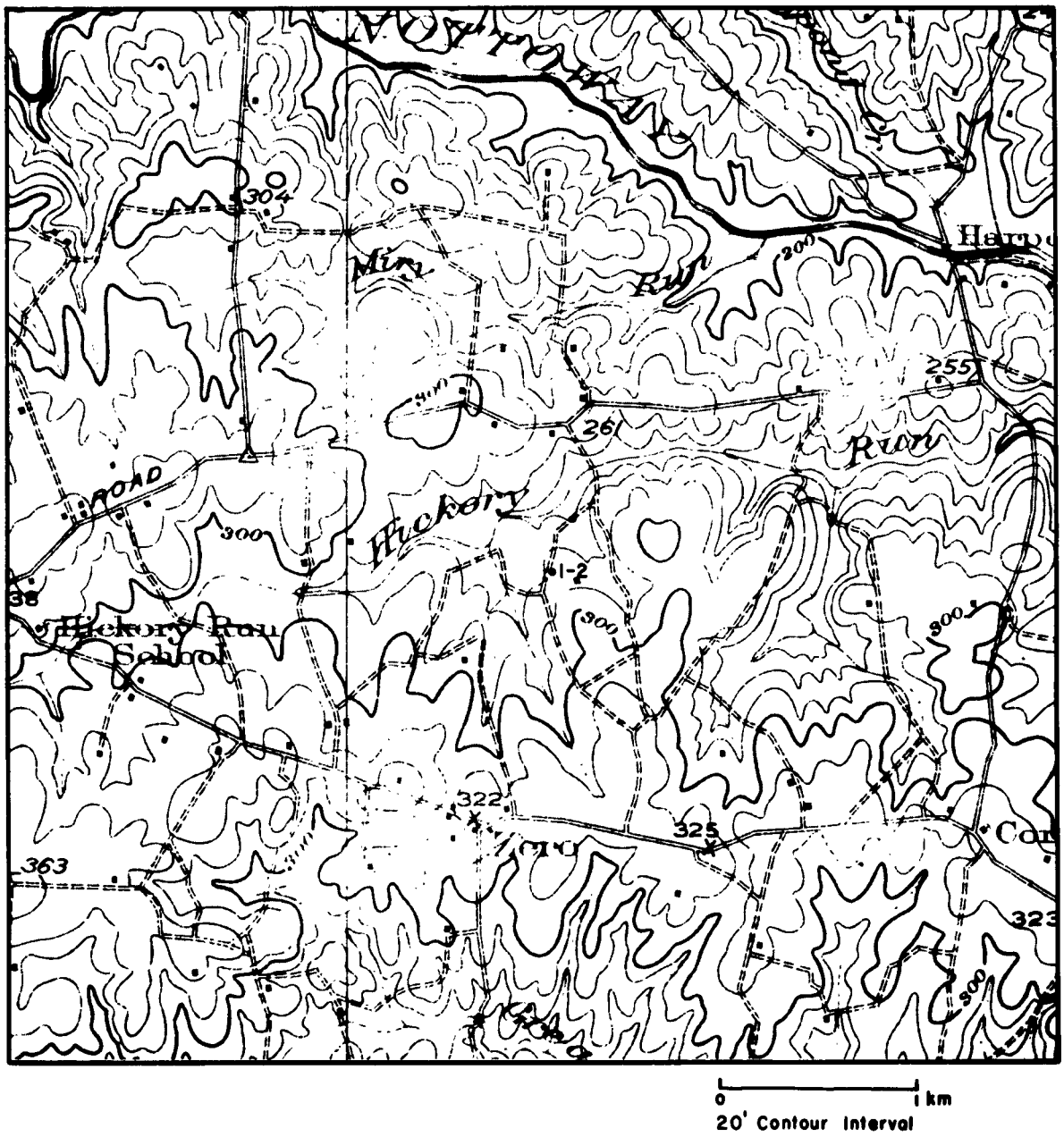


Figure 6.3.8 Rawlings Slave Station

Pre-Cambrian granitic rocks form gentle farm and forest covered hills at the eastern limit of the Piedmont Province.

Figure 6.3.9 Dense Hardwood Forest Near
Array Center at Rawlings Slave Station Site

6.3.5 Franklin, Belvidere, Weeksville and Bodie Island Slave Station Sites

The Franklin, Belvidere, Weeksville and Bodie Island slave stations (27 b, 28 b) were located from west to east, respectively, in the Atlantic Coastal Plain. The Piedmont complex is covered to the east by a wedge of coastal marine sediments of Cretaceous and Tertiary age. These gently dipping formations of the Coastal Plain thicken rapidly toward the ocean, to 3000 meters at the coast, and 5000 meters or more 50 kilometers off-shore. Local variation in topographic expression is small.

At the Franklin slave station, Duplin marl of Miocene age is overlaid by loam soil, characteristic of this portion of the Atlantic Coastal Plain. Low relief terrain and swampland, with a cover of hardwood forests, are the main topographic features.

Coastal and estuarine sands and gravels of the Atlantic Coastal Plain comprise the prevailing lithologies in the gently dipping formations at Belvidere and Weeksville slave stations. Although farmland and hardwood forests are scattered throughout the Belvidere site, there are salt marshes southwest of the Weeksville station, which had a maximum elevation of less than twenty feet.

At Bodie Island slave station, sand is being deposited to form near sea level off-shore sand bars. The predominant features are shifting sand dunes and salt marshes, which are covered by brush and salt grass.

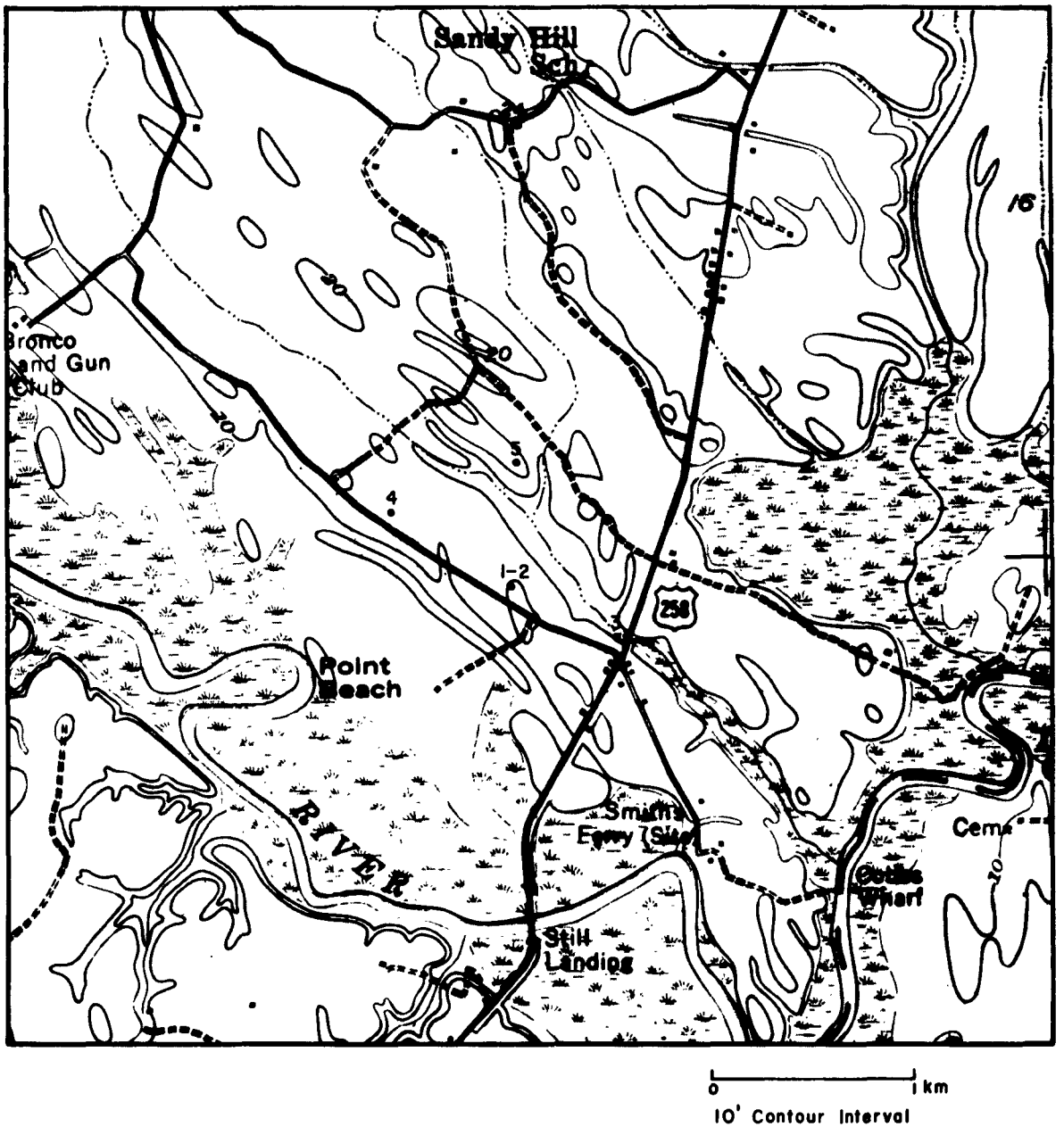


Figure 6.3.10 Franklin Slave Station

Forest and swampland cover a thin section of Tertiary marine sediments on the western border of the Atlantic Coastal Plain.

Figure 6.3.11 Typical Vegetation at Franklin Slave Station Site

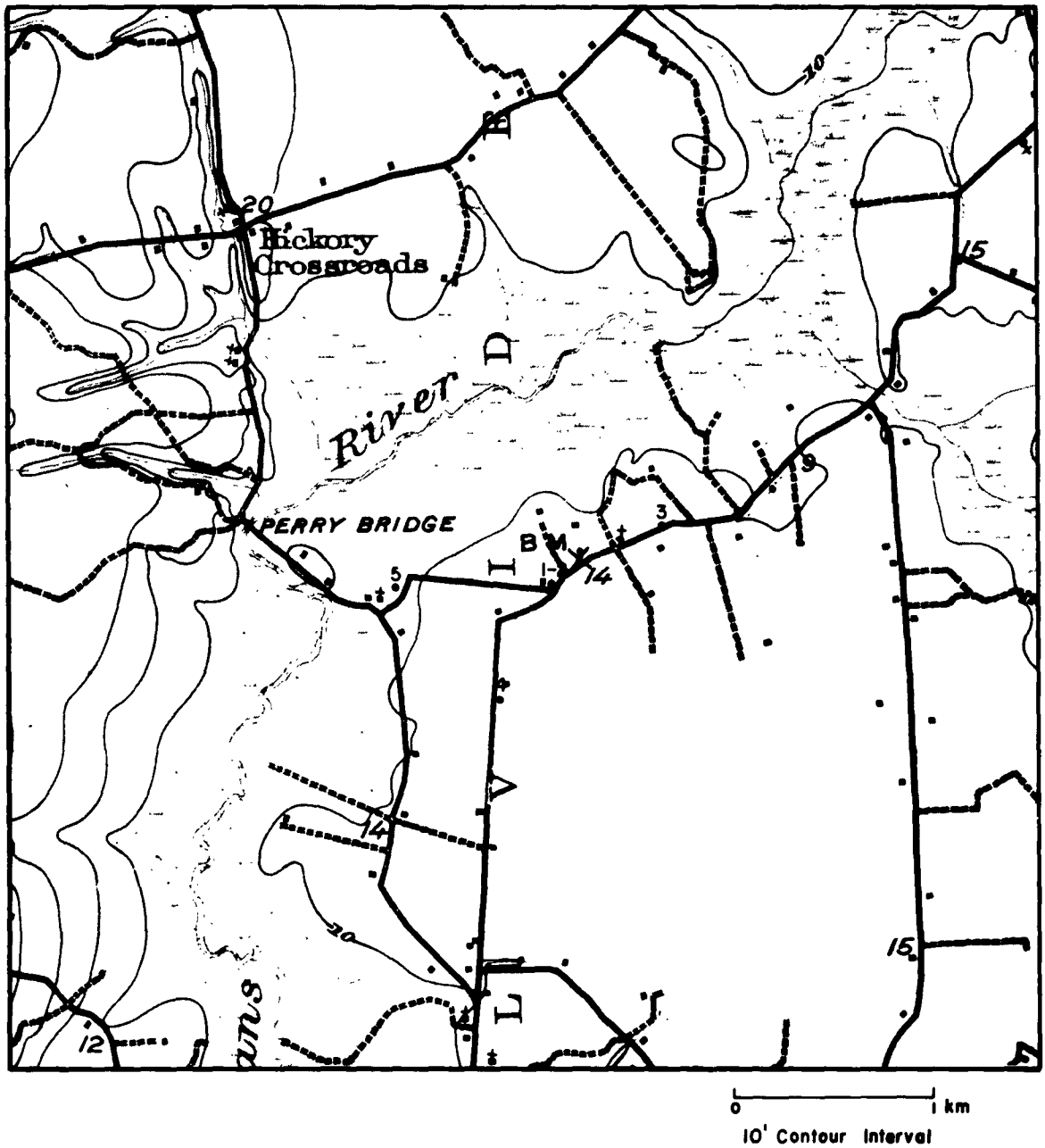


Figure 6.3.12 Belvidere Slave Station

Recent sands and gravels cover some 500 meters of Tertiary marine sediments of the Atlantic Coastal Plain. Most of the land is flat and forest covered.

Figure 6.3.13 Typical Flat Farm and Forest Land at Belvidere Slave Station

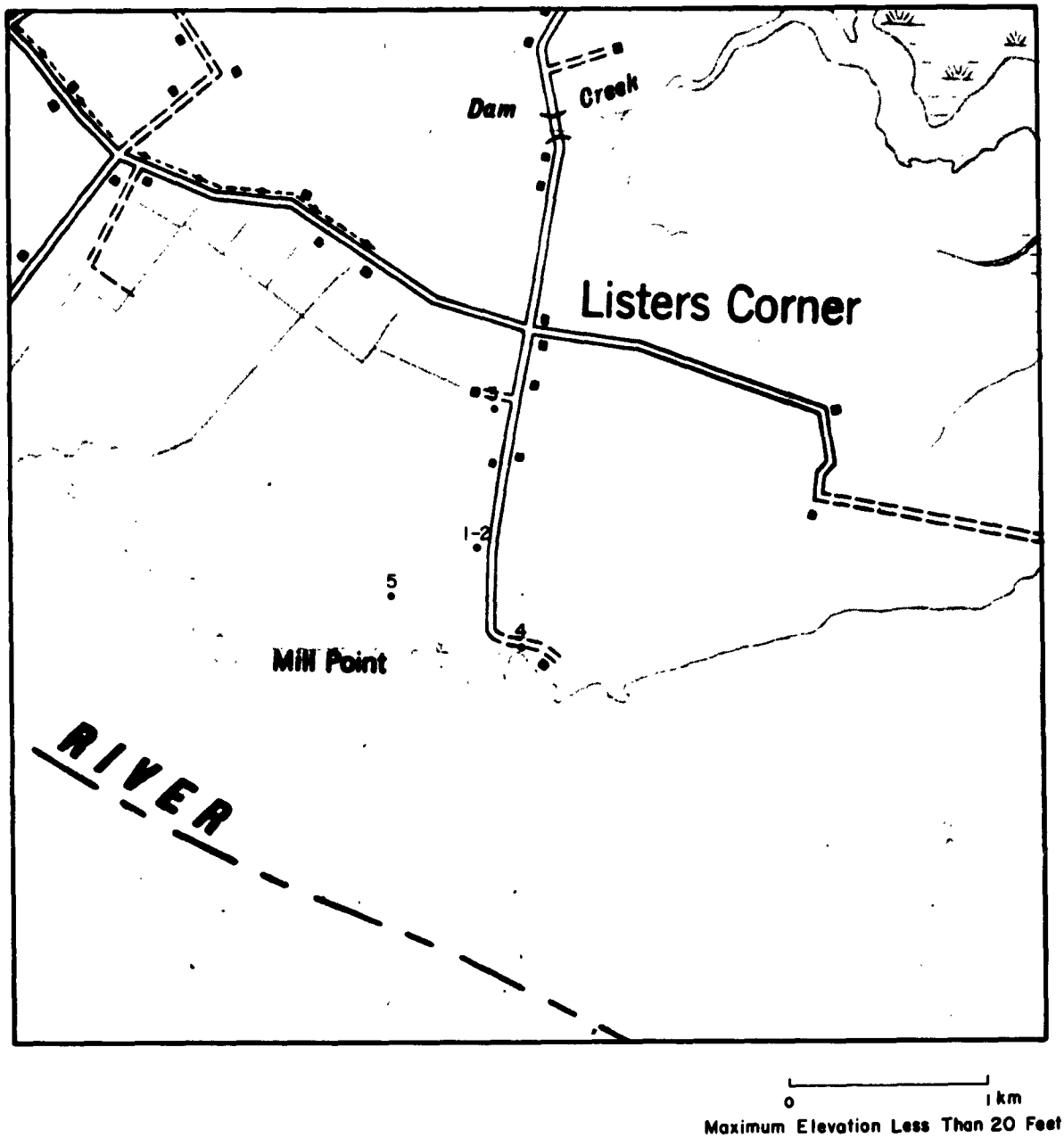


Figure 6.3.14 Weeksville Slave Station

Coastal and estuarine sands cover rapidly thicknening Tertiary or older sediments of the Atlantic Coastal Plain at this coastal station.

Figure 6.3.15 Sea-Level Forest-Land
at Weeksville Slave Station

View is south from seismometer number 3.

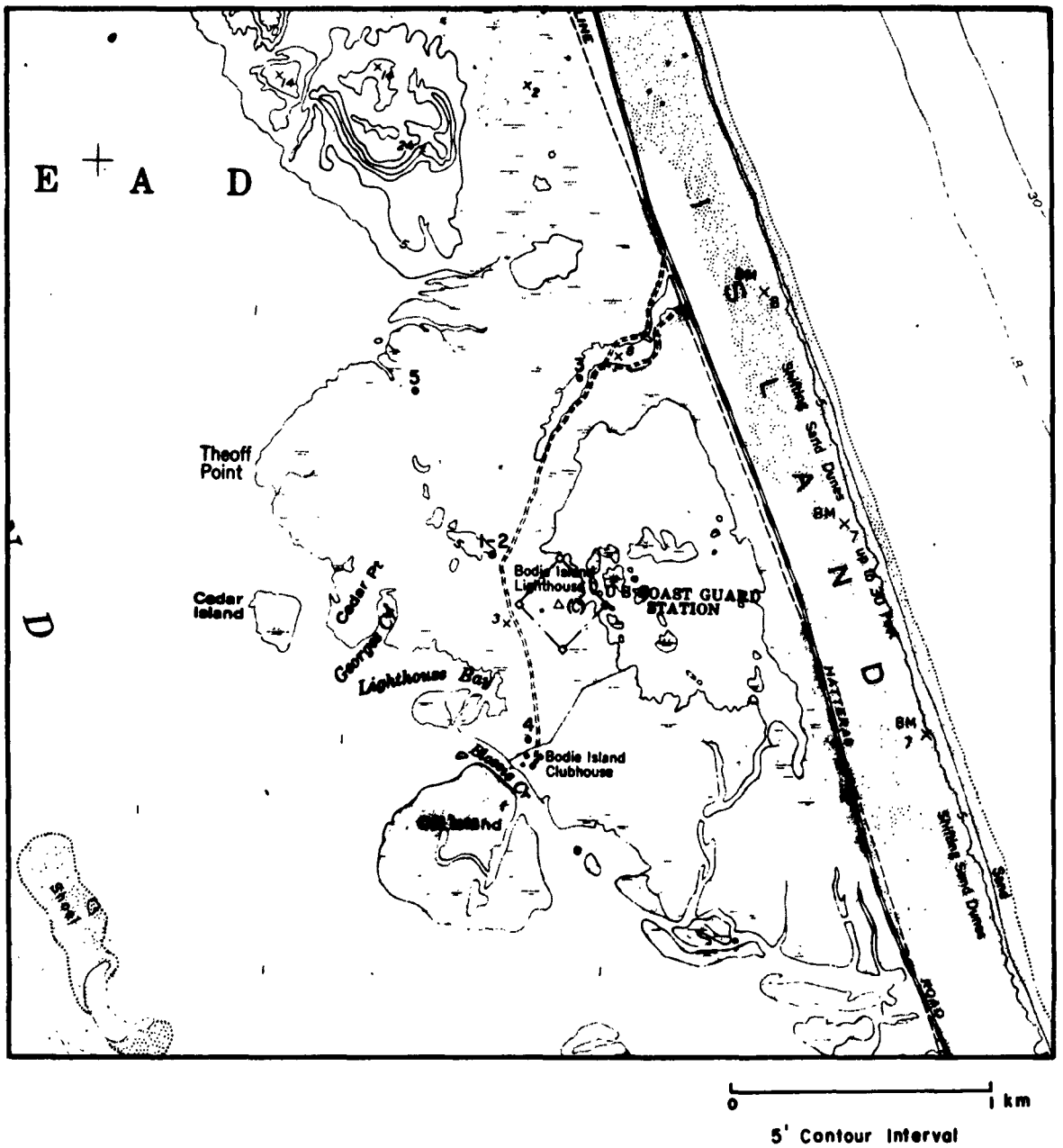


Figure 6.3.16 Bodie Island Slave Station

Shifting dune sand of the North Carolina Outer Banks covers a 3000 meter section of marine sediments. Vegetation is limited to brush and salt grass.

Figure 6.3.17 Bodie Island Slave Station
Near Cape Hatteras

The whole array is on sand dunes of the Outer Banks.

KEY TO GEOLOGIC SYMBOLS USED IN SITE DESCRIPTION FOR APPALACHIAN PROFILE

Qal	Quaternary Alluvium
Cc	Pennsylvanian Conemaugh Series
Ca	Pennsylvanian Allegheny Series
Ck	Pennsylvanian Kanawha Group
Dr	Devonian Romney Shale
Doh	Devonian Oriskany Sandstone and Helderberg Limestone

6.4 Detailed Description of Recording Stations

Detailed descriptions of geology, topography, and general recording conditions at each station of the California, Pacific Northwest, and Appalachian profiles are given in sections 6.1, 6.2 and 6.3 respectively.

Tables of numerical values of geologic-topographic environment, determined for every seismometer position on the first two profiles, are given in section 6.4. These are values for "environmental variables" used in multiple regression studies of relations between noise level, signal strength, and environment.

ENVIRONMENTAL VARIABLES

Definitions and Values for Stations on the California Profile

("i" numbers are subscripts indicating the type of variable used in model studies.)

(x_{ij} is the value of variable of type "i" at location "j".)

"i" number	Definition	Unit of value or arbitrary unit
	LOCAL ENVIRONMENTAL VARIABLES FOR EACH SEISMOMETER POSITION	
3	Mean Noise Level, with respect to mean master station noise level of 0.879 mmu p-p	mmu p-p @ 1.25-1.50 sec. period
4	Thickness of Alluvium under seismometer	feet
5	Solidity of Ground under seismometer	arbitrary units
	soft mud . . . . . 1 dry ground . . . . . 5 rock 10	
6	Density of Material under seismometer	gm/cm^3
7	Porosity of Material under seismometer	%
8	Type of Topography within 1/8 mile of seismometer	arbitrary units
	hill and ridge top . . . . . 6 hillside . . . . . 5 large valley, plain, alluvial fan . . . . . 4 small valley . . . . . 3 ravine, open end . . . . . 2 box canyon, cove 1	
9	Topographic Curvature Elevation of seismometer minus maximum average elevation at ends of 1/4 mile line across seismometer position	feet
10	Wind Speed (1000 pips per 200 seconds = 15 knots)	pips per 200 seconds
11	Wind Speed times Topographic Type	$(x_{10j}) \cdot (x_{8j})$
12	Topographic Slope Maximum gradient over 1000 ft. line across seismometer location	
13	Elevation at Seismometer	feet

"i" number	Definition	Unit of value or arbitrary unit

REGIONAL ENVIRONMENTAL VARIABLES FOR EACH STATION

Station Topography Difference in elevation within each quadrant of a circle of 15 km radius around array center, from lowest point to highest closed contour inside the quadrangle that closes mostly within 20 km of center

14	SW of station	feet
17	NW of station	feet
20	NE of station	feet
23	SE of station	feet

Station Slope Maximum gradient over 1.5 km line across the quadrangle

15	SW of station	
18	NW of station	
21	NE of station	
24	SE of station	

Station Tectonics Average number of folds per mile times "dip" times number of faults within 20 miles, where "dip" = average maximum dip in degree of folds inside a 2-mile radius — number

16	SW of station	number
19	NW of station	number
22	NE of station	number
25	SE of station	number

Characteristics of Sedimentary Column, between surface and granite basement, under stations

26	Average density	gm/cm^3
27	Average porosity	%
28	Average 8000 ' velocity	km/sec
29	Average thickness of sediments	feet x 10^{-3}

30 Vegetation — arbitrary units

barren land	0.0
sage, no trees	1.0
sage, few Joshua trees	1.5
moderately dense oak trees	5.0
thick oak trees	8.5
thick chaparral and large oak trees	10.0

"i" number	Definition	Unit of value or arbitrary unit

CUMULATIVE ENVIRONMENTAL VARIABLES

"Geomorphic Interfaces" Term includes dividing lines between zones of contrasting geomorphology (such as mountains and valleys) and all major fault zones. Interfaces are defined only for features more than 3 km wide along profile

31	Total of absolute values of all weighted interfaces	
32	Total of positive weighted geomorphic interfaces	
33	Total of negative weighted geomorphic interfaces	
34	Algebraic sum of weighted geomorphic interfaces	
35	Total of absolute values of all unweighted interfaces	
36	Total of positive unweighted geomorphic interfaces	
37	Total of negative unweighted geomorphic interfaces	
38	Algebraic sum of unweighted geomorphic interfaces	

(Values assigned to geomorphic interfaces include a quantity and an algebraic sign, indicating the order in which the contrast would be "seen" by ocean-generated noise crossing the interface: (+) for valley/mountain interface; (-) for mountain/valley interface)

Each interface		1, except when weights listed below are used
East side Panamint Valley	+	6
East side Caso Valley	+	3
West side Owens Valley	-	7
East and West sides San Joaquin Valley	+, -	10
East side Carrizo Plain	+	5
Hill and mountain interface East of Huasna . . .	+	5
West side Carrizo Plain	-	3
All others	±	1

"i" number	Definition	Unit of value or arbitrary unit

CUMULATIVE ENVIRONMENTAL VARIABLES (Continued)

Total Distance along Profile from Station to Ocean Through the Following Features:

39	All mountains	km
40	All hills	km
41	All valleys and plains	km
42	All young sedimentary mountains and hills	km
43	All granitic mountains and hills	km
44	All old sedimentary mountains and hills	km
45	All hills and all young sedimentary mountains and hills (40 plus 42)	km
46	All granitic and old sedimentary mountains and hills (43 plus 44)	km

QUANTITATIVE DESCRIPTIONS OF LOCAL PHYSICAL ENVIRONMENTS
and
NOISE LEVELS (1.25 - 1.50 Sec. PERIOD)
for the
CALIFORNIA PROFILE

TABLE 6.4.1.1

Station	Chann.	Ext.	i = j*	Seis. Noise Level	Alluv. Thick (ft)	Rel. Solid-ity	Dens. gm/cm³	Poros. %	Topo Type	Topo Curvat	Avg. Wind	Wind x Topo Type	Topo Slope	Seis. Elev.
				3	4	5	6	7	8	9	10	11	12	13
Cedar	2		1	.611	.0	8.0	2.4	30.0	3.0	.0	113.0	339.0	.080	263n.0
Creek	3	1/4	2	.502	5.0	5.0	1.6	40.0	3.0	-30.0	83.0	249.0	.180	263n.0
		1/2	3	.575	.0	6.0	2.3	40.0	6.0	-20.0	124.0	744.0	.160	269n.0
		3/4	4	.685	5.0	6.0	2.3	40.0	5.0	-100.0	133.0	665.0	.250	269n.0
	4	1/4	5	.572	5.0	4.0	1.5	54.0	5.0	-20.0	83.0	415.0	.240	270n.0
		1/2	6	.611	5.0	4.0	1.5	54.0	2.0	-40.0	124.0	248.0	.160	270n.0
		3/4	7	.647	5.0	4.0	1.5	54.0	2.0	-40.0	133.0	266.0	.320	276n.0
	5	1/4	8	.710	5.0	4.0	1.5	54.0	5.0	.0	83.0	415.0	.180	263n.0
		1/2	9	.587	5.0	4.0	1.5	54.0	2.0	-10.0	124.0	248.0	.080	263n.0
		3/4	10	.719	2.0	6.0	1.6	40.0	3.0	-20.0	133.0	399.0	.160	263n.0
Death	2		11	.540	600.0	1.0	1.8	43.0	4.0	.0	400.0	1200.0	.035	-26n.0
Valley	3	1/4	12	.584	500.0	5.0	2.0	30.0	4.0	.0	387.0	1548.0	.025	-25n.0
		1/2	13	.610	408.0	5.0	2.0	30.0	4.0	.0	509.0	2036.0	.026	-24n.0
		3/4	14	.453	300.0	5.0	1.9	40.0	4.0	.0	304.0	1216.0	.023	-20n.0
	4	1/4	15	.743	700.0	1.0	1.7	53.0	4.0	.0	387.0	1548.0	.000	-26n.0
		1/2	16	.708	800.0	1.0	1.8	60.0	4.0	.0	509.0	2036.0	.000	-26n.0
	5	1/4	17	.522	400.0	4.0	2.0	30.0	4.0	.0	387.0	1548.0	.020	-25n.0
		1/2	18	.484	450.0	4.0	2.0	30.0	4.0	.0	509.0	2036.0	.020	-25n.0
		3/4	19	.444	300.0	4.0	2.0	25.0	4.0	.0	304.0	1216.0	.020	-25n.0
Panamint	2		20	.513	20.0	6.0	1.4	30.0	3.0	.0	397.0	1191.0	.080	528n.0
	3	1/4	21	.385	.0	8.0	2.4	10.0	3.0	10.0	478.0	1434.0	.080	536n.0
		1/2	22	.406	.0	10.0	2.5	8.0	5.0	-50.0	403.0	2015.0	.240	544n.0
		3/4	23	.390	10.0	5.0	1.5	40.0	1.0	-120.0	311.0	311.0	.240	545n.0
	4	1/4	24	.467	10.0	5.0	1.6	40.0	5.0	10.0	478.0	2390.0	.080	530n.0
		1/2	25	.441	.0	10.0	2.5	8.0	5.0	140.0	403.0	2015.0	.240	549n.0
		3/4	26	.435	.0	10.0	2.5	8.0	5.0	15.0	311.0	1555.0	.160	548n.0
	5	1/4	27	.476	20.0	6.0	1.4	30.0	3.0	.0	478.0	1434.0	.080	524n.0
		1/2	28	.430	4.0	3.0	1.5	45.0	1.0	-80.0	403.0	403.0	.240	520n.0
		3/4	29	.469	10.0	4.0	1.2	55.0	1.0	-90.0	311.0	311.0	.160	520n.0
Darwin	2		30	.334	100.0	5.0	2.0	20.0	3.0	-10.0	323.0	969.0	.025	512n.0
	3	1/4	31	.311	40.0	6.0	2.0	20.0	3.0	.0	353.0	1059.0	.050	518n.0
		1/2	32	.284	10.0	7.0	2.2	15.0	3.0	40.0	360.0	1080.0	.080	524n.0
		3/4	33	.311	.0	9.0	2.5	8.0	5.0	-60.0	257.0	1285.0	.160	532n.0
	4	1/4	34	.311	100.0	5.0	2.0	20.0	3.0	.0	353.0	1059.0	.025	518n.0
		1/2	35	.284	100.0	5.0	2.0	20.0	3.0	.0	360.0	1080.0	.030	510n.0
		3/4	36	.357	100.0	7.0	2.0	25.0	3.0	.0	257.0	771.0	.030	510n.0
	5	1/4	37	.311	70.0	4.0	1.4	50.0	3.0	.0	353.0	1059.0	.080	508n.0
		1/2	38	.346	50.0	6.0	1.4	50.0	3.0	.0	360.0	1080.0	.080	511n.0
		3/4	39	.380	40.0	7.0	2.0	20.0	3.0	.0	257.0	771.0	.080	514n.0
Big Meadow	2		40	.624	250.0	2.0	1.7	55.0	3.0	.0	102.0	306.0	.080	775n.0
	3	1/4	41	.487	100.0	2.0	1.7	55.0	3.0	.0	135.0	405.0	.040	775n.0
		1/2	42	.416	3.0	4.0	1.9	25.0	3.0	.0	69.0	207.0	.160	780n.0
	4	1/4	43	.624	200.0	3.0	1.6	45.0	3.0	.0	135.0	405.0	.080	775n.0
		1/2	44	.887	.0	10.0	2.6	7.0	3.0	.0	69.0	207.0	1.600	776n.0
	5	1/4	45	1.670	20.0	6.0	1.5	40.0	3.0	.0	135.0	405.0	.160	776n.0
		1/2	46	.941	1.0	3.0	2.1	35.0	3.0	.0	69.0	207.0	.160	780n.0
Mannot	2		47	5.010	20.0	6.0	1.5	40.0	1.0	100.0	288.0	288.0	.050	1050.0
Creek	3	1/4	48	4.180	10.0	6.0	1.5	40.0	6.0	.0	266.0	1596.0	.100	1050.0
		1/2	49	5.090	5.0	5.0	1.5	40.0	6.0	.0	335.0	2010.0	.050	1175.0
		3/4	50	6.860	5.0	5.0	1.5	40.0	6.0	-80.0	262.0	1572.0	.100	1200.0
	4	1/4	51	4.180	10.0	4.0	1.6	45.0	5.0	-25.0	266.0	1330.0	.050	950.0
		1/2	52	4.770	10.0	4.0	1.4	50.0	5.0	-10.0	335.0	1675.0	.075	1100.0
		3/4	53	3.700	5.0	6.0	1.5	40.0	5.0	-20.0	262.0	1310.0	.075	1050.0
	5	1/4	54	3.710	.0	5.0	1.6	45.0	5.0	-50.0	266.0	1330.0	.075	1050.0
		1/2	55	4.540	10.0	6.0	1.5	40.0	5.0	-20.0	335.0	1675.0	.075	1000.0
		3/4	56	4.490	10.0	6.0	1.5	40.0	3.0	80.0	262.0	786.0	.125	950.0
Elk Hills	2		57	1.000	700.0	5.0	1.4	50.0	4.0	.0	343.0	1372.0	.020	295.0
	3	1/4	58	1.980	700.0	5.0	1.4	50.0	4.0	.0	343.0	1372.0	.010	280.0
	4	1/4	59	2.610	700.0	5.0	1.4	50.0	4.0	.0	343.0	1372.0	.020	300.0
	5	1/4	60	3.130	700.0	5.0	1.4	50.0	4.0	.0	343.0	1372.0	.020	315.0
Carrizo	2		61	2.070	50.0	5.0	1.5	40.0	3.0	.0	243.0	729.0	.080	1030.0
	3	1/4	62	2.070	.0	5.0	1.5	40.0	3.0	.0	272.0	816.0	.060	1050.0
		1/2	63	1.710	2.0	5.0	1.5	40.0	5.0	.0	211.0	1055.0	.150	1050.0
		3/4	64	1.090	.0	5.0	1.5	40.0	6.0	-15.0	245.0	1470.0	.150	2000.0
	4	1/4	65	1.950	50.0	5.0	1.4	50.0	3.0	.0	272.0	816.0	.080	1030.0
		1/2	66	2.250	10.0	5.0	1.4	50.0	3.0	-40.0	211.0	633.0	.050	1040.0
		3/4	67	2.180	2.0	5.0	1.5	40.0	5.0	-30.0	245.0	1225.0	.050	1045.0
	5	1/4	68	1.700	.0	9.0	2.6	10.0	6.0	.0	272.0	1632.0	.050	1060.0
		1/2	69	2.700	2.0	5.0	1.5	40.0	5.0	140.0	211.0	1055.0	.050	1050.0
		3/4	70	1.630	.0	9.0	2.3	10.0	3.0	10.0	245.0	735.0	.050	1050.0
Huasna	2		71	5.000	.0	9.0	2.3	15.0	6.0	20.0	187.0	1122.0	.050	1090.0
	3	1/4	72	4.860	.0	9.0	2.3	15.0	2.0	25.0	173.0	346.0	.150	1060.0
		1/2	73	5.440	3.0	5.0	1.5	40.0	5.0	-165.0	208.0	1040.0	.150	1120.0
		3/4	74	5.060	.0	9.0	2.3	15.0	6.0	300.0	180.0	1080.0	.000	1200.0
	4	1/4	75	5.410	3.0	5.0	1.5	40.0	5.0	135.0	173.0	865.0	.100	1150.0
		1/2	76	5.490	5.0	5.0	1.5	40.0	5.0	-20.0	208.0	1040.0	.300	1150.0
		3/4	77	4.690	10.0	9.0	1.9	40.0	4.0	-30.0	180.0	720.0	.100	990.0
	5	1/4	78	5.000	4.0	9.0	2.3	15.0	6.0	80.0	173.0	1038.0	.125	1080.0
		1/2	79	5.000	6.0	9.0	1.9	40.0	1.0	-90.0	208.0	208.0	.200	980.0
		3/4	80	4.830	10.0	4.0	1.9	40.0	1.0	-90.0	180.0	180.0	.200	890.0

QUANTITATIVE DESCRIPTIONS OF REGIONAL LOCAL PHYSICAL ENVIRONMENTS
and
NOISE LEVELS (1.25 - 1.50 Sec. PERIOD)
for the
CALIFORNIA PROFILE

TABLE 6.4.1.2

														Sediments in Column				
		SW Topo	SW Slope	SW Structure	NW Topo	NW Slope	NW Structure	NE Topo	NE Slope	NE Structure	SE Topo	SE Slope	SE Structure	Density gm/cm^3	Porosity %	8,000 km/sec Velocity	Thick Sedi $x10^{-3}$ ft	Veg. cover
	$i =$	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	i_w																	
Cedar Creek	1	1.34	.15	.0	2.10	.05	1.0	3.75	.15	.0	3.75	.15	.0	2.65	1.00	5.40	.0	4.7
Death Valley	11	6.90	.00	35.0	2.20	.03	20.0	.00	.00	13.0	1.20	.00	22.0	2.45	12.95	3.55	45.0	.0
Panamint	20	2.50	.06	25.0	4.70	.06	23.0	6.70	.06	30.0	4.10	.13	29.0	2.58	8.13	4.42	30.0	.0
Darwin	30	3.50	.30	79.0	2.00	.10	80.0	4.20	.40	82.0	3.30	.10	79.0	2.63	6.90	4.15	15.0	1.5
Big Meadow	40	.59	.05	.0	.45	.05	.0	2.20	.05	.0	.35	.05	.0	2.65	1.00	5.40	.0	2.8
Mannot Creek	47	.00	.02	.0	.00	.01	.0	1.40	.01	10.0	1.60	.01	12.0	2.40	15.00	3.10	4.0	1.0
Elk Hills	57	1.05	.05	4.5	.53	.00	2.5	.23	.05	7.0	1.25	.00	8.0	2.27	25.00	2.63	20.0	1.0
Carrizo	61	2.30	.10	59.0	2.30	.10	58.0	1.80	.20	28.5	1.40	.10	30.5	2.25	26.50	2.55	13.0	8.5
Huasna	71	.70	.20	176.0	1.90	.15	176.0	2.00	.10	177.0	1.00	.20	176.0	2.40	14.90	2.96	25.0	7.0

QUANTITATIVE DESCRIPTIONS OF CUMULATIVE PHYSICAL ENVIRONMENTS
and
NOISE LEVELS (1.25 - 1.50 Sec. PERIOD)
for the
CALIFORNIA PROFILE

TABLE 6.4.1.3

		$\Sigma\left\|\frac{Wt}{*}\right\|$	$\Sigma+\left\|\frac{Wt}{*}\right\|$	$\Sigma-\left\|\frac{Wt}{*}\right\|$	$\Sigma\pm\left\|\frac{Wt}{*}\right\|$	$\Sigma\|*\|$	$\Sigma+\|*\|$	$\Sigma-\|*\|$	$\Sigma\pm\|*\|$	** Distance along Profile through granitic and Sedimentary Mountains.							
	$j_* = i$	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
Cedar Creek		50.0	28.0	-22.0	6.0	17.0	8.0	9.0	-1.0	45.0	61.5	102.0	106.5	.0	.0	106.5	.0
Death Valley	11	76.0	42.0	-34.0	8.0	27.0	13.0	14.0	-1.0	206.0	61.5	126.0	106.5	80.5	80.5	187.0	161.0
Panamint	20	76.0	42.0	-34.0	8.0	27.0	13.0	14.0	-1.0	197.5	61.5	126.0	106.5	80.5	72.5	179.0	153.0
Darwin	30	67.0	35.0	-32.0	3.0	24.0	12.0	12.0	.0	157.5	61.5	112.5	106.5	80.5	32.0	138.5	112.5
Big Meadow	40	52.0	29.0	-23.0	6.0	19.0	9.0	10.0	-1.0	93.5	61.5	102.0	106.5	73.5	.0	106.5	73.5
Mannot Creek	47	50.0	28.0	-22.0	6.0	17.0	8.0	9.0	-1.0	45.0	39.5	102.0	84.5	.0	.0	84.5	.0
Elk Hills	57	28.0	17.0	-11.0	6.0	15.0	7.0	8.0	-1.0	45.0	33.5	63.0	78.5	.0	.0	78.5	.0
Carrizo	61	14.0	9.0	-5.0	4.0	9.0	4.0	5.0	-1.0	30.0	18.0	35.0	48.0	.0	.0	48.0	.0
Huasna	71	.0	.0	.0	.0	8.0	4.0	4.0	.0	8.0	18.0	27.5	26.0	.0	.0	26.0	.0

* = Interface
** See list of definitions of environmental variables.

ENVIRONMENTAL VARIABLES

Definitions and Values for Stations on the Pacific Northwest Profile

("i" numbers are subscripts indicating the type of variable used in model studies.)

(x_{ij} is the value of variable of type "i" at location "j".)

"i" number	Definition	Unit of value or arbitrary unit
	LOCAL ENVIRONMENTAL VARIABLES FOR EACH SEISMOMETER POSITION	
3	Mean Noise Level, with respect to mean master station noise level of 0.879 mmu p-p	mmu p-p @ 1.25-1.50 sec. period
4	Thickness of Alluvium under seismometer	feet
5	Solidity of Ground under seismometer	arbitrary units
	soft mud 1	
	dry ground 5	
	rock 10	
6	Density of Material under seismometer	gm/cm^3
7	Porosity of Material under seismometer	%
8	Type of Topography within 1/8 mile of seismometer	arbitrary units
	hill and ridge top 6	
	hillside 5	
	large valley, plain, alluvial fan 4	
	small valley 3	
	ravine, open end 2	
	box canyon, cove 1	
9	Topographic Curvature Elevation of seismometer minus maximum average elevation at ends of 1/4 mile line across seismometer position	feet
10	Wind Speed (1000 pips per 200 seconds = 15 knots)	pips per 200 seconds
11	Wind Speed times Topographic Type	$(x_{10j}) \cdot (x_{8j})$
12	Topographic Slope Maximum gradient over 1000 ft. line across seismometer location	

"i" number	Definition	Unit of value or arbitrary unit
	REGIONAL ENVIRONMENTAL VARIABLES FOR EACH STATION	
	Station Topography Difference in elevation within each quadrant of a circle of 15 km radius around array center, from lowest point to highest closed contour inside the quadrangle that closes mostly within 20 km of center	
14	SW of station	feet
17	NW of station	feet
20	NE of station	feet
23	SE of station	feet
	Station Slope Maximum gradient over 1.5 km line across the quadrangle	
15	SW of station	
18	NW of station	
21	NE of station	
24	SE of station	
	Station Tectonics Average number of folds per mile times "dip" times number of folds within 20 miles, where "dip" = average maximum dip in degree of folds inside a 2-mile radius	number
16	SW of station	number
19	NW of station	number
22	NE of station	number
25	SE of station	number
	Characteristics of Sedimentary Column, between surface and granite basement, under stations	
26	Average density	gm/cm^3
27	Average porosity	%
28	Average 8000 ' velocity	km/sec
29	Average thickness of sediments	feet x 10^{-3}
30	Vegetation	arbitrary units
	sage grass, no trees	1.0
	light forest cover (cut off)	7.5
	dense forest	10.0

"i" number	Definition	Unit of value or arbitrary unit

CUMULATIVE ENVIRONMENTAL VARIABLES

"Geomorphic Interfaces" Term includes dividing lines between zones of contrasting geomorphology (such as mountains and valleys) and all major fault zones. Interfaces are defined only for features more than 3 km wide along profile

31	Total of absolute values of all weighted interfaces	
32	Total of positive weighted geomorphic interfaces	
33	Total of negative weighted geomorphic interfaces	
34	Algebraic sum of weighted geomorphic interfaces	
35	Total of absolute values of all unweighted interfaces	
36	Total of positive unweighted geomorphic interfaces	
37	Total of negative unweighted geomorphic interfaces	
38	Algebraic sum of unweighted geomorphic interfaces	

(Values assigned to geomorphic interfaces include a quantity and an algebraic sign, indicating the order in which the contrast would be "seen" by ocean-generated noise crossing the interface: (+) for valley/mountain interface; (-) for mountain/valley interface)

Each interface	1, except when weights listed below are used
West side of Coast Range	+ 5
East side of Coast Range	- 7
West and East sides of Puget Sound-Willemette Trough	-, + 10
West side of Cascade Range	+ 8
Columbia Plateau	+ 6
Blue Mountains	+, - 3
Wallowa Mountains	+ 2
All others	± 1

"i" number	Definition	Unit of value or arbitrary unit
	CUMULATIVE ENVIRONMENTAL VARIABLES (Continued)	
	Total Distance Along Profile from Station to Ocean Through the Following Features:	
39	All mountains	km
40	All hills	km
41	All valleys and coast	km
42	All young sedimentary mountains and hills	km
43	All granitic and Metamorphic sedimentary mountains and hills	km
44	Columbia Plateau	km
45	All hills and all young sedimentary mountains and hills (40 plus 42)	km

QUANTITATIVE DESCRIPTIONS OF LOCAL PHYSICAL ENVIRONMENTS
and
NOISE LEVELS (1.25 - 1.50 Sec. PERIOD)
for the
PACIFIC NORTHWEST PROFILE

TABLE 6.4.2.1

Station	Channel	Ext.	i =	Seis. Noise Level	Rel. Solidity	Dens. gm/cm³	Poros. %	Topo Type	Topo. Curvat.	Avg. Wind	Wind x Topo Type	Topo Slope	Seis. Elev.
				3	5	6	7	8	9	10	11	12	13
MARKHAM	2		1	55.743	2.5	1.9	35.0	5.0	15.0	178.0	890.0	.005	265.0
	3	1/4	2	51.842	2.5	2.2	25.0	5.0	-30.0	120.0	600.0	.050	240.0
		1/2	3	.000	2.5	2.2	25.0	6.0	-180.0	.0	.0	.050	330.0
		3/4	4	48.058	2.5	2.2	25.0	5.0	25.0	217.0	1085.0	.065	342.0
	4	1/4	5	48.058	2.5	2.2	25.0	6.0	30.0	136.0	680.0	.050	280.0
		1/2	6	.000	2.5	2.2	25.0	5.0	5.0	.0	.0	.145	220.0
		3/4	7	41.975	2.5	2.2	25.0	5.0	70.0	217.0	1085.0	.100	280.0
	5	1/4	8	52.568	2.5	1.8	30.0	5.0	25.0	136.0	680.0	.005	270.0
		1/2	9	.000	2.5	1.8	30.0	5.0	20.0	.0	.0	.030	270.0
		3/4	10	47.103	2.5	1.8	30.0	5.0	5.0	217.0	1085.0	.055	255.0
MENDOTA	2		11	2.415	5.0	2.4	30.0	6.0	70.0	60.0	180.0	.230	1800.0
	3	1/4	12	2.267	5.0	2.0	25.0	5.0	-40.0	15.0	75.0	.300	1670.0
		1/2	13	2.412	8.5	1.7	30.0	5.0	.0	69.0	345.0	.200	1690.0
		1	14	2.424	8.5	1.9	30.0	5.0	.0	86.0	430.0	.200	1500.0
	4	1/4	15	2.818	8.5	1.9	30.0	5.0	40.0	15.0	75.0	.240	1840.0
		1/2	16	1.954	10.0	1.9	30.0	5.0	-20.0	69.0	345.0	.150	1815.0
		1	17	1.891	5.0	2.4	25.0	6.0	90.0	86.0	516.0	.230	1808.0
	5	1/4	18	2.124	5.0	2.2	30.0	5.0	5.0	15.0	75.0	.175	1740.0
		1/2	19	2.103	5.0	2.2	30.0	5.0	40.0	69.0	345.0	.290	1720.0
		1	20	1.900	8.5	1.9	30.0	5.0	20.0	86.0	430.0	.240	1740.0
RANDLE	2		21	1.930	2.5	2.0	25.0	3.0	200.0	27.0	81.0	.500	2600.0
	3	1/2	22	1.955	5.0	2.0	30.0	3.0	-250.0	38.0	114.0	.350	2250.0
		1	23	1.892	5.0	2.0	30.0	3.0	-400.0	17.0	51.0	.460	2080.0
	4	1/2	24	1.832	5.0	2.1	35.0	3.0	-130.0	38.0	114.0	.200	2450.0
		1	25	1.967	5.0	2.1	35.0	3.0	-370.0	17.0	51.0	.130	2430.0
	5	1/2	26	1.900	2.5	1.9	30.0	3.0	-400.0	38.0	114.0	.180	2500.0
		1	27	1.771	10.0	1.9	30.0	3.0	-610.0	17.0	51.0	.010	2600.0
TOPPENISH NS	2		28	.870	7.0	1.4	35.0	2.0	35.0	287.0	574.0	.045	1600.0
	3	1/2	29	.000	8.5	2.0	30.0	4.0	.0	287.0	1148.0	.030	1505.0
	4	1/2	30	.000	8.5	2.0	30.0	5.0	15.0	287.0	1435.0	.165	1630.0
	5	1/2	31	.000	8.5	2.0	30.0	4.0	5.0	287.0	1148.0	.015	1710.0
TOPPENISH SS	2		32	.990	7.0	1.4	35.0	2.0	35.0	428.0	856.0	.045	1600.0
	3	1/2	33	1.008	8.5	2.0	30.0	4.0	.0	428.0	1712.0	.030	1505.0
	4	1/2	34	.993	8.5	2.0	30.0	5.0	15.0	428.0	2140.0	.165	1630.0
	5	1/2	35	.901	8.5	2.0	30.0	4.0	5.0	428.0	1719.0	.015	1710.0
MABTON	2		36	1.163	7.0	1.2	65.0	4.0	5.0	417.0	1668.0	.035	1060.0
	3	1/4	37	.951	8.5	1.4	50.0	4.0	-5.0	167.0	668.0	.035	1010.0
		1/2	38	1.133	8.5	1.4	50.0	4.0	40.0	76.0	304.0	.110	1045.0
		3/4	39	1.142	8.5	1.4	50.0	4.0	-25.0	649.0	2596.0	.035	1045.0
		1	40	1.040	8.5	1.4	50.0	3.0	20.0	621.0	1863.0	.090	1045.0
	4	1/4	41	.949	8.5	1.4	50.0	3.0	10.0	167.0	501.0	.180	1145.0
		1/2	42	1.059	8.5	1.4	50.0	3.0	20.0	76.0	228.0	.040	1140.0
		3/4	43	1.230	8.5	1.4	50.0	3.0	-180.0	649.0	1947.0	.040	1180.0
		1	44	1.088	8.5	1.4	50.0	3.0	-120.0	621.0	1863.0	.010	1195.0
	5	1/4	45	.824	8.5	1.4	50.0	4.0	35.0	167.0	668.0	.095	1150.0
		1/2	46	1.230	8.5	1.4	50.0	4.0	10.0	72.0	304.0	.070	1040.0
		3/4	47	1.371	8.5	1.4	50.0	4.0	-5.0	649.0	2596.0	.075	1040.0
		1	48	1.089	8.5	1.4	50.0	4.0	20.0	621.0	1863.0	.100	1070.0
PATERSON	2		49	1.103	8.5	1.6	45.0	4.0	.0	488.0	1952.0	.020	1070.0
	3	1/4	50	.964	8.5	1.6	45.0	4.0	.0	849.0	3396.0	.030	1095.0
		1/2	51	.929	8.5	1.6	45.0	4.0	15.0	401.0	1604.0	.095	1125.0
		3/4	52	.826	8.5	1.6	45.0	4.0	10.0	515.0	2060.0	.030	1140.0
		1	53	1.229	8.5	1.6	45.0	4.0	-210.0	387.0	1548.0	.010	1040.0
	4	1/4	54	.918	8.5	1.6	45.0	4.0	.0	849.0	3396.0	.020	1095.0
		1/2	55	1.020	8.5	1.6	45.0	3.0	-5.0	401.0	1203.0	.095	1060.0
		3/4	56	1.198	8.5	1.6	45.0	4.0	5.0	515.0	2060.0	.095	1060.0
		1	57	1.134	8.5	1.6	45.0	4.0	.0	387.0	1548.0	.020	1040.0
	5	1/4	58	.749	8.5	1.6	45.0	4.0	5.0	849.0	3396.0	.025	1050.0
		1/2	59	1.182	8.5	1.6	45.0	4.0	.0	401.0	1604.0	.090	1010.0
		3/4	60	1.091	8.5	1.6	45.0	4.0	5.0	515.0	2060.0	.095	1010.0
		1	61	1.170	8.5	1.6	45.0	4.0	.0	387.0	1548.0	.020	900.0
GIBSON	2		62	.482	10.0	2.4	20.0	4.0	.0	189.0	748.0	.020	4270.0
	3	1/4	63	.481	8.5	1.7	40.0	4.0	.0	260.0	1040.0	.020	4230.0
		1/2	64	.608	8.5	1.7	40.0	4.0	.0	474.0	1896.0	.020	4240.0
		3/4	65	.409	8.5	1.7	40.0	4.0	40.0	38.0	152.0	.020	4240.0
		1	66	.420	8.5	1.7	40.0	4.0	60.0	16.0	64.0	.020	4240.0
	4	1/4	67	.483	8.5	1.7	40.0	4.0	55.0	260.0	1040.0	.035	4240.0
		1/2	68	.601	8.5	1.7	40.0	4.0	30.0	474.0	1896.0	.110	4190.0
		3/4	69	.415	8.5	1.7	40.0	4.0	-150.0	38.0	152.0	.070	3900.0
		1	70	.474	8.5	1.7	40.0	4.0	90.0	16.0	64.0	.130	4190.0
	5	1/4	71	.541	8.5	1.7	40.0	4.0	50.0	260.0	1040.0	.110	4140.0
		1/2	72	.482	8.5	1.7	40.0	4.0	-20.0	474.0	1896.0	.100	4120.0
		3/4	73	.424	8.5	1.7	40.0	4.0	40.0	38.0	152.0	.060	4040.0
		1	74	.384	8.5	1.7	40.0	4.0	-20.0	16.0	64.0	.100	4040.0
ARMIN	2		75	.978	10.0	2.4	20.0	3.0	-120.0	60.0	180.0	.220	4380.0
	3	1/2	76	.139	8.5	2.0	25.0	3.0	-10.0	80.0	240.0	.070	4120.0
	4	1	77	3.003	8.5	2.0	25.0	3.0	-30.0	48.0	144.0	.150	3940.0
	5	1/2	78	.114	10.0	2.4	20.0	3.0	-190.0	190.0	570.0	.300	4240.0
		1	79	.708	10.0	2.0	25.0	3.0	-175.0	80.0	64.0	.144	4040.0

QUANTITATIVE DESCRIPTIONS OF REGIONAL LOCAL PHYSICAL ENVIRONMENTS
and
NOISE LEVELS (1.25 - 1.50 Sec. Period)
for the
PACIFIC NORTHWEST PROFILE

TABLE 6.4.2.2

		SW Topo	SW Slope	SW Structure	NW Topo	NW Slope	NW Structure	NE Topo	NE Slope	NE Structure	SE Topo	SE Slope	SE Structure	Sediments in Column: Density gm/cm^3	Sediments in Column: Porosity %	Sediments in Column: 8,000 km/sec velocity	Thick Sedi. $x10^{-3}$ ft.	Veg. Cover
	i =	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	1																	
MARKHAM	1	.40	.054	1.00	.26	.026	2.0	.30	.044	5.00	.56	.060	4.00	2.50	22.8	3.26	20.0	7.5
MENDOTA	11	1.70	.100	1.00	1.85	.160	8.0	1.60	.060	3.00	1.60	.080	.50	2.53	14.6	3.26	15.0	7.5
RANDLE	21	3.86	.200	.00	3.62	.300	.0	4.10	.400	1.00	3.38	.380	.00	2.70	12.3	5.30	5.0	7.5
TOPPENISH RIDGE MS	28	1.70	.050	.00	2.80	.040	.0	1.34	.030	.00	1.55	.090	.75	2.60	18.0	5.30	5.0	.0
TOPPENISH RIDGE SS	32	1.70	.050	.00	2.80	.040	.0	1.34	.030	.00	1.55	.090	.75	2.60	18.0	5.30	5.0	.0
MABTON	36	1.50	.060	.00	.60	.040	.0	1.50	.220	.00	1.80	.020	.00	2.60	18.0	5.30	10.0	.0
PATERSON	49	.65	.020	.00	.40	.001	1.0	.86	.020	.00	.94	.001	.00	2.60	18.0	5.30	12.0	.0
GIBBON	62	2.20	.060	4.75	1.90	.140	2.0	.95	.220	2.25	1.50	.040	.00	2.60	18.0	5.30	3.3	10.0
ARMIN	75	4.32	.450	2.00	4.64	.450	2.0	4.14	.460	2.00	5.56	.460	5.00	2.58	10.6	4.30	1.0	10.0

QUANTITATIVE DESCRIPTIONS OF CUMULATIVE PHYSICAL ENVIRONMENTS and NOISE LEVELS (1.25 - 1.50 Sec. PERIOD) for the PACIFIC NORTHWEST PROFILE

TABLE 6.4.2.3

	i = j	$\Sigma\lvert\frac{Wt.}{*}\rvert$	$\Sigma+\lvert\frac{Wt.}{*}\rvert$	$\Sigma-\lvert\frac{Wt.}{*}\rvert$	$\Sigma\pm\lvert\frac{Wt.}{*}\rvert$	$\Sigma\lvert*\rvert$	$\Sigma+\lvert*\rvert$	$\Sigma-\lvert*\rvert$	$\Sigma\pm\lvert*\rvert$	Σ Mtn Dist km	Σ Hill Dist km	Σ Coast Valley Dist km	Σ Young Sedi Mtn Hill Dist km	Σ Meta gn Mtn Hill Dist km	Σ Plateau Dist km	Σ All Sed. Mtn Hill Dist	Σ Dist. From Ocean km
		31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
MARKHAM	1	5.0	5.0	.0	5.0	.0	.0	.0	5.0	.00	.00	16.00	.00	.00	.00	.00	16.0
MENDOTA	11	76.0	10.0	-59.0	-49.0	7.0	7.0	.0	7.0	48.50	9.25	64.25	39.25	9.25	.00	48.50	119.6
RANDLE	21	87.0	11.0	-76.0	-65.0	8.0	8.0	.0	8.0	109.75	9.25	69.75	39.25	70.50	.00	48.50	186.3
TOPPENISH RIDGE MS	28	96.0	20.0	-76.0	-56.0	9.0	9.0	.0	9.0	109.75	13.00	69.75	39.25	89.50	78.00	52.25	287.3
TOPPENISH RIDGE SS	32	96.0	20.0	-76.0	-56.0	9.0	9.0	.0	9.0	109.75	13.00	69.75	39.25	89.50	78.00	52.25	287.3
MABTON	36	96.0	20.0	-76.0	-56.0	9.0	9.0	.0	9.0	109.75	13.00	69.75	39.25	89.50	108.25	52.25	317.5
PATERSON	49	96.0	20.0	-76.0	-56.0	9.0	9.0	.0	9.0	109.75	13.00	69.75	39.25	89.50	165.25	52.25	374.5
GIBBON	62	111.0	31.0	-80.0	-49.0	13.0	11.0	-2.0	9.0	118.25	52.00	111.50	39.25	98.00	174.50	52.00	474.3
ARMIN	75	117.0	36.0	-81.0	-49.0	13.0	11.0	-2.0	9.0	168.25	52.00	134.25	39.25	148.00	174.50	91.25	547.0

* Interface

See cover sheet of "Definitions of Environmental Variables".

6.5 Noise Level Statistics

This section consists of tables showing corrected average noise amplitudes, as described in section 4.1.2.2, taken from 200-second samples for each indicated frequency band, for each channel at all stations occupied on the Appalachian and Pacific Northwest profiles. Noise amplitude data for most of the channels and most of the stations on the California profile are also included.

The original data from California were computed by hand, while those for the Pacific Northwest and Appalachian areas were converted by use of the CDC 1604 digital computer. Some of the hand-converted California data were punched onto cards for use by another project and these data with those from the other two areas are included in the machine listings below. The remaining California data, although missing from the tabulation, are available and were utilized by this project.

On each of the tables, Channel 2 (short-period seismometer at array center) is on the upper left, Channel 3 (short-period seismometer - north) is on the upper right, Channel 4 (short-period seismometer-southeast) is on the lower left, and Channel 5 (short period seismometer-southwest) is on the lower right. Samples are listed in chronological order. The master station table follows the last of the tables for the slave stations on the profile.

TABLE OF GROUND MOTION AMPLITUDES COMPUTED FROM PSD's

All amplitudes computed from PSD's are listed in the following tables.

Numbers under each column heading identify stations, array radii, seismometer positions and sample times, as indicated below.

Legend of Column Headings:

California

Station

1 = Cedar Creek
2 = Death Valley
3 = Panamint
4 = Darwin
5 = Big Meadow
6 = Elk Hills
7 = Mannot Creek
8 = Carrizo
9 = Huasna River
0 = Round Mountain

Pacific Northwest

1 = Toppenish Ridge
2 = Mabton
3 = Paterson
4 = Gibbon
5 = Markham
6 = Mendota
7 = Randle
8 = Armin
0 = Toppenish Ridge Master Station

Appalachian

1 = Rawlings
2 = Farmville
3 = Buena Vista
4 = Birch River
5 = Franklin
6 = Belvidere
7 = Weeksville
8 = Bodie Island
0 = Warm Springs

Extensions

1 = 1/4 mile extension
2 = 1/2 mile extension
3 = 3/4 mile extension
4 = 1 mile extension

Channel - Refers to channels 2 at center, 3 to the north, 4 to the SE, and 5 to the SW of array for short period seismometer.

Day - Day of year in reference to January 1.

Hour - Greenwich Mean Time at beginning of sample (most samples were 200 seconds long).

Frequencies (and periods) indicate center of narrow band in which amplitudes were determined from samples listed.

Amplitudes are rms ground motion in mμP-P (corrected for system response) for each frequency band, averaged over the 200 seconds beginning with each sample time listed.

Amplitudes were determined from rms voltage through a filter effectively .01 cps wide, by its relation to an rms voltage generated by a seismometer moving in response to equivalent earth motion of known amplitude and frequency.

CALIFORNIA SLAVE STATIONS

NOISE AMPLITUDES

Station Extension Channel	Day	Hour	Band Center Freq. CPS	.25	.4	.571	.728	.89	1.11	1.43	1.82	2.22	2.96	4.0
			Band Center Period Sec.	4.0	2.5	1.75	1.375	1.125	.9	.7	.55	.45	.35	.25
112 108		00				1.340	.620	.320	.190	.050	.048	.023		
112 108		600				1.360	.610	.310	.140	.040	.028	.016		
112 108		700				1.350	.640	.240	.090	.040	.020	.016		
112 108		800				1.350	.660	.350	.190	.040	.023	.016		
112 108		900				1.850	.530	.310	.180	.030	.012	.800		
112 108		1100				1.110	.500	.200	.110	.040	.020	.016		
112 108		1300				1.130	.660	.370	.130	.040	.015	.010		
112 108		1510				1.360	.950	.340	.130	.040	.020	.016		
112 108		1700				1.370	.710	.400	.200	.100	.074	.012		
112 108		1850				1.840	.710	.320	.140	.050	.028	.016		
112 108		2010				1.590	.710	.470	.210	.080	.056	.032		
112 108		2113				1.540	.660	.330	.150	.050	.023	.018		
112 108		2240				2.190	.780	.360	.130	.040	.028	.019		
112 114		1938				1.720	.740	.330	.140	.060	.039	.056		
112 114		2019				1.340	.660	.400	.190	.050	.032	.039		
112 114		2328				.740	.290	.160	.080	.040	.016	.028		
112 115		107				1.380	.630	.350	.160	.050	.023	.029		
112 115		335				1.450	.650	.350	.170	.050	.023	.020		
112 115		510				1.460	.660	.320	.160	.060	.023	.020		
112 115		730				1.390	.660	.310	.220	.080	.016	.020		
112 115		900				1.450	.780	.370	.180	.050	.023	.020		
112 115		1110				1.530	.630	.360	.140	.050	.023	.020		
112 115		1325				1.480	.660	.420	.140	.050	.020	.015		
112 115		1515				1.420	.650	.330	.190	.040	.020	.016		
112 115		1700				1.620	.630	.330	.190	.050	.028	.023		
112 115		1916				1.420	.670	.340	.140	.050	.028	.023		
112 115		2138				1.380	.650	.320	.170	.060	.039	.032		
112 115		2344				1.340	.630	.290	.170	.050	.048	.056		
112 116		126				1.700	.740	.380	.190	.080	.034	.032		
112 116		328				1.400	.730	.430	.200	.090	.048	.035		
112 116		530				1.690	.780	.390	.170	.080	.039	.032		
112 116		725				1.950	.790	.510	.190	.060	.048	.012		
112 116		940				1.990	1.030	.540	.240	.110	.048	.039		
112 116		1125				1.440	.870	.420	.180	.080	.059	.048		
112 116		1330				1.880	.810	.430	.180	.070	.044	.027		
112 116		1525				2.030	.820	.480	.200	.100	.056	.042		
112 116		1733				1.680	.880	.380	.190	.080	.048	.051		
112 116		1910				1.390	.780	.440	.200	.080	.048	.094		
124 117		2032				1.270	.550	.270	.140	.060	.039	.045		
124 117		2056				1.230	.470	.290	.140	.060	.048	.056		
124 117		2157				1.330	.580	.290	.120	.060	.039	.076		
124 117		2245				1.330	.530	.270	.140	.060	.039	.032		
124 118		310				1.130	.480	.210	.100	.050	.039	.027		
122 118		415				1.390	.520	.240	.130	.080	.039	.023		
122 118		530				1.910	.630	.270	.110	.050	.028	.023		
122 118		627				1.270	.490	.240	.140	.050	.039	.000		
122 118		730				1.020	.480	.240	.130	.050	.039	.000		
122 118		820				1.270	.520	.270	.130	.050	.028	.102		
122 118		930				1.270	.470	.340	.140	.050	.039	.032		
122 118		1030				1.270	.530	.290	.140	.050	.028	.023		
122 118		1150				1.330	.520	.240	.110	.050	.039	.032		
122 118		1230				1.130	.520	.320	.280	.090	.039	.039		
122 118		1637				1.540	.720	.340	.070	.110	.028	.045		
124 118		1820				1.270	.470	.290	.140	.080	.056	.048		
124 118		2000				1.190	.530	.220	.100	.050	.039	.045		
124 118		2037				1.050	.470	.220	.110	.080	.056	.068		
124 118		2250				1.340	.540	.240	.110	.050	.039	.039		
127 121		1818				1.960	.790	.370	.140	.070	.048	.077		
122 122		1958				2.150	.980	.490	.210	.080	.056	.042		
122 122		1645				1.970	.960	.570	.260	.080	.039	.028		
122 122		1852				.960	1.180	.520	.280	.050	.028	.040		
122 122		2223				1.810	.730	.380	.190	.050	.039	.051		
122 123		228				1.940	.870	.520	.280	.060	.039	.042		
122 123		739				1.840	1.210	.590	.210	.060	.039	.042		

Station Extension Channel	Day	Hour	Band Center Freq. CPS	.25	.4	.571	.728	.89	1.11	1.43	1.82	2.22	2.96	4.0
			Band Center Period Sec.	4.0	2.5	1.75	1.375	1.125	.9	.7	.55	.45	.35	.25
114 108		00				1.090	.470	.290	.190	.060	.028	.023		
114 108		300				1.090	.600	.380	.190	.050	.022	.023		
114 108		500				1.090	.540	.270	.120	.040	.020	.016		
114 108		700				1.230	.550	.320	.140	.040	.023	.018		
114 108		900				1.140	.620	.280	.150	.050	.028	.016		
114 108		1100				1.010	.580	.290	.120	.040	.012	.010		
114 108		1300				.920	.570	.370	.140	.040	.012	.020		
114 108		2010				1.220	.620	.370	.170	.110	.074	.039		
114 108		2113				1.320	.580	.340	.130	.040	.020	.016		
114 108		2248				1.140	.590	.340	.120	.050	.020	.023		
114 114		1938				1.130	.580	.320	.130	.050	.028	.023		
114 114		2019				1.020	.560	.370	.130	.050	.039	.023		
114 114		2328				1.050	.510	.320	.100	.080	.048	.035		
114 115		107				1.360	.650	.380	.190	.080	.028	.023		
114 115		335				1.280	.610	.390	.150	.050	.028	.023		
114 115		510				1.220	.630	.340	.160	.060	.028	.016		
114 115		730				.940	.590	.280	.200	.050	.020	.010		
114 115		900				1.190	.580	.330	.160	.050	.028	.016		
114 115		1110				1.250	.590	.370	.180	.060	.028	.010		
114 115		1325				1.290	.640	.340	.140	.050	.028	.016		
114 115		2136				1.220	.620	.340	.180	.090	.062	.054		
114 115		2344				.970	.670	.290	.470	.080	.127	.048		
124 116		126				1.450	.630	.380	.180	.100	.048	.039		
124 116		328				1.140	.600	.430	.180	.080	.048	.039		
124 116		530				1.740	.620	.470	.220	.120	.076	.056		
124 116		725				1.690	.730	.500	.280	.110	.056	.068		
124 116		940				1.590	.940	.490	.240	.110	.056	.049		
124 116		1125				1.340	.940	.410	.200	.080	.048	.027		
124 116		1330				1.690	.730	.420	.170	.060	.048	.035		
124 116		1525				1.690	.730	.470	.200	.090	.048	.039		
124 116		1733				1.250	.960	.370	.170	.090	.048	.032		
124 116		1910				1.230	.940	.420	.190	.080	.074	.066		
124 117		2032				1.054	.950	.290	.120	.050	.028	.022		
124 117		2056				1.270	.980	.340	.120	.080	.056	.039		
124 117		2157				.970	.960	.240	.110	.060	.039	.023		
124 117		2245				1.290	.980	.290	.140	.080	.056	.039		
124 118		310				1.160	.980	.290	.130	.080	.048	.032		
124 118		415				1.230	.930	.290	.190	.080	.048	.088		
124 118		530				1.230	.930	.270	.130	.050	.039	.068		
124 118		627				1.180	.960	.290	.140	.050	.028	.000		
124 118		730				1.230	.980	.240	.140	.050	.028	.023		
124 118		820				.200	.180	.080	.040	.030	.028	.000		
124 118		930				2.190	.910	.470	.280	.110	.048	.039		
124 118		1030				2.980	.710	.470	.280	.110	.062	.051		
124 118		1230				2.860	1.020	.540	.210	.120	.068	.051		
124 118		1637				1.860	.980	.540	.280	.120	.062	.045		
124 118		1820				1.230	.910	.280	.140	.080	.056	.045		
124 118		2000				1.090	.490	.240	.120	.060	.039	.035		
124 118		2037				1.090	.960	.290	.120	.070	.048	.042		
124 118		2256				1.210	.910	.340	.170	.090	.068	.045		
134 122		2223				1.950	.730	.340	.220	.090	.028	.023		
134 123		228				1.670	.810	.500	.230	.080	.039	.023		
134 123		739				1.880	1.150	.620	.190	.080	.094	.048		
134 123		1635				2.110	.980	.540	.220	.090	.062	.027		
134 123		2216				1.740	.760	.410	.220	.080	.039	.032		
214 136		300				2.180	1.160	.690	.300	.110	.039	.047		
214 136		500				2.090	1.080	.540	.240	.080	.032	.023		
214 136		1050				2.090	1.080	.720	.280	.080	.039	.032		
214 136		1230				2.180	1.080	.670	.190	.080	.039	.032		
214 137		900				2.280	.990	.540	.200	.080	.028	.049		

NOISE AMPLITUDES

Station Extension Channel	Day	Hour	Band Center Freq. CPS	.25	.4	.571	.728	.89	1.11	1.43	1.82	2.22	2.96	4.0
			Band Center Period Sec.	4.0	2.5	1.75	1.375	1.125	.9	.7	.55	.45	.35	.25
124 121		1818				1.210	.480	.210	.060	.040	.048	.032		
213 136		300				2.280	.930	.420	.250	.050	.015	.007		
213 136		500				1.950	.880	.380	.250	.070	.023	.072		
213 136		1255				2.360	.980	.480	.230	.060	.048	.024		
214 136		1830				1.890	.740	.970	.170	.050	.023	.070		
213 137		900				2.060	.780	.290	.190	.080	.063	.845		
214 137		959				2.180	.970	.310	.170	.080	.048	.845		
213 137		1447				1.380	.710	.380	.190	.860	.028	.840		
214 137		1754				1.700	.540	.240	.120	.050	.028	.032		
213 136		254				1.610	.420	.330	.110	.050	.028	.093		
214 138		731				1.400	.480	.210	.080	.040	.028	.016		
213 139		1238				1.610	.580	.280	.070	.030	.012	.010		
214 139		216				1.270	.488	.290	.110	.040	.034	.040		
213 139		640				1.400	.390	.210	.110	.050	.040	.055		
213 139		1140				.978	.388	.210	.108	.040	.028	.060		
213 139		1613				1.438	.510	.298	.140	.090	.062	.055		
223 143		249				2.620	.898	.500	.270	.090	.062	.039		
223 143		858				2.160	.878	.498	.270	.090	.048	.045		
223 143		1157				1.498	.788	.388	.210	.110	.062	.045		
223 143		1931				2.278	.898	.418	.288	.120	.068	.039		
223 144		57				2.010	.758	.488	.220	.058	.028	.016		
223 144		388				2.108	.718	.418	.228	.108	.056	.049		
224 144		1945				2.338	.928	.428	.288	.058	.028	.032		
223 144		2345				2.048	.988	.498	.248	.088	.048	.039		
223 145		958				2.188	.988	.508	.228	.098	.028	.094		
224 145		958				2.218	.958	.508	.238	.068	.028	.051		
223 145		1403				2.198	.978	.488	.198	.058	.028	.016		
223 145		2222				3.698	1.788	.988	.628	.388	.268	.157		
223 146		322				2.838	1.248	.648	.318	.128	.088	.072		
223 146		1325				3.748	2.388	1.448	.838	.558	.363	.251		
223 146		1819				2.888	1.088	.708	.368	.218	.157	.102		
313 163		2004				1.148	.928	.288	.138	.058	.048	.023		
313 164		100				.418	.888	.998	.998	.048	.028	.023		
314 164		609				1.458	.588	.298	.118	.048	.028	.008		
313 164		1157				1.388	.478	.248	.098	.048	.088	.000		
313 164		2017				1.428	.748	.388	.248	.128	.074	.048		
313 165		124				.588	.298	.148	.098	.048	.028	.093		
313 165		625				1.018	.378	.188	.088	.038	.028	.012		
313 165		1128				.978	.398	.188	.088	.048	.028	.016		
313 165		1555				.978	.348	.148	.058	.038	.023	.019		
313 166		45				.878	.348	.188	.958	.058	.028	.093		
313 166		545				.878	.328	.188	.988	.048	.028	.093		
313 166		1045				.928	.378	.248	.128	.948	.054	.039		
323 173		2215				.718	.348	.248	.178	.138	.084	.064		
323 174		956				.858	.348	.188	.988	.068	.054	.032		
323 174		1618				.718	.328	.118	.958	.038	.038	.012		
324 174		1653				.928	.348	.298	.158	.118	.068	.096		
323 178		158				.858	.398	.298	.148	.098	.068	.039		
323 176		755				.588	.298	.188	.898	.048	.028	.016		
324 178		1703				.978	.438	.218	.088	.038	.084	.000		
324 178		1957				.928	.348	.208	.088	.048	.028	.020		
324 178		2038				.858	.328	.148	.088	.058	.038	.032		
323 179		700				.928	.348	.188	.088	.048	.015	.020		
324 179		1208				.878	.348	.188	.088	.038	.012	.807		
324 179		1702				.978	.448	.248	.098	.048	.028	.016		
324 179		1918				1.018	.398	.198	.098	.058	.028	.893		
333 179		2157				1.818	.498	.188	.088	.048	.018	.012		
333 1A0		640				1.818	.378	.208	.088	.058	.028	.016		
334 1A0		1309				.928	.488	.198	.088	.048	.012	.012		
333 1A0		1755				1.428	.488	.228	.118	.058	.038	.040		
333 1A0		2156				1.098	.398	.218	.118	.078	.048	.076		

Station Extension Channel	Day	Hour	Band Center Freq. CPS	.25	.4	.571	.728	.89	1.11	1.43	1.82	2.22	2.96	4.0
			Band Center Period Sec.	4.0	2.5	1.75	1.375	1.125	.9	.7	.55	.45	.35	.25
315 163		2003				1.420	.960	.320	.140	.050	.028	.023		
315 164		100				1.430	.760	.410	.210	.100	.048	.032		
315 164		605				1.270	.960	.280	.140	.080	.028	.000		
315 164		1157				1.970	.950	.310	.130	.050	.028	.093		
315 164		2017				1.690	.470	.210	.980	.048	.028	.023		
315 165		128				1.010	.478	.298	.110	.050	.028	.032		
315 165		625				1.010	.490	.210	.090	.048	.028	.023		
315 165		1128				1.140	.980	.240	.110	.048	.028	.023		
315 165		1955				1.140	.480	.240	.110	.060	.048	.039		
315 166		45				1.810	.498	.280	.160	.110	.074	.896		
315 166		545				.920	.340	.190	.040	.040	.028	.023		
315 166		1545				.788	.298	.190	.080	.050	.028	.894		
323 173		2215				.788	.398	.210	.140	.180	.062	.039		
323 174		950				.748	.378	.148	.058	.038	.028	.014		
323 174		1618				.948	.328	.148	.078	.038	.028	.007		
323 174		1618				.928	.348	.208	.118	.068	.048	.872		
325 178		158				1.098	.988	.388	.248	.148	.108	.076		
325 178		755				.858	.348	.148	.098	.028	.015	.010		
325 178		1238				.978	.428	.248	.098	.038	.015	.014		
325 178		1957				.858	.378	.208	.098	.038	.028	.888		
325 176		2038				.788	.498	.188	.098	.038	.015	.007		
323 179		200				.848	.498	.298	.188	.088	.048	.032		
325 179		708				.928	.418	.198	.898	.048	.989	.887		
325 179		1248				1.018	.498	.298	.898	.038	.028	.887		
325 179		1922				.978	.378	.218	.898	.038	.889	.887		
325 179		1708				.928	.398	.208	.888	.048	.018	.814		
333 179		2157				1.898	.438	.228	.118	.078	.058	.826		
333 1A0		648				1.858	.868	.288	.178	.128	.078	.891		
333 1A0		1309				.948	.448	.238	.118	.078	.048	.824		
333 188		1755				.848	.358	.178	.088	.038	.012	.887		
333 188		2150				1.858	.468	.218	.098	.058	.038	.823		
335 181		308				1.238	.888	.248	.198	.088	.028	.893		
335 181		805				1.898	.798	.248	.898	.048	.028	.880		
335 181		1308				1.818	.418	.198	.088	.038	.023	.816		
335 181		1754				1.288	.478	.248	.898	.868	.038	.898		
335 188		1951				1.148	.988	.298	.148	.898	.858	.845		
335 187		132				1.858	.458	.228	.128	.858	.858	.826		
335 187		549				1.898	.438	.288	.138	.888	.838	.823		
335 187		1108				.878	.388	.288	.898	.848	.818	.887		
335 187		2007				1.818	.378	.188	.898	.858	.838	.873		
335 188		18				1.898	.398	.198	.118	.858	.838	.870		
335 188		508				1.898	.798	.298	.898	.858	.828	.870		
335 188		1008				1.898	.798	.248	.128	.858	.825	.818		
335 188		1910				1.288	.328	.198	.888	.828	.815	.888		
415 195		2028				.988	.288	.138	.898	.848	.838	.823		
415 195		114				.918	.388	.188	.898	.838	.828	.848		
415 195		608				.828	.428	.198	.898	.828	.828	.818		
415 195		1108				.788	.388	.178	.878	.838	.823	.887		
415 195		1627				.978	.328	.898	.858	.828	.818	.887		
415 195		1943				.738	.388	.148	.848	.838	.825	.816		
415 199		46				.958	.388	.228	.118	.868	.838	.887		
415 199		547				.848	.248	.118	.848	.828	.818	.887		
415 199		1050				.888	.248	.128	.848	.828	.822	.815		
415 199		1547				.878	.388	.188	.898	.858	.828	.814		
415 199		1949				.888	.348	.188	.898	.838	.824	.872		
429 188		51				.888	.418	.198	.898	.838	.828	.814		
429 188		549				.848	.428	.198	.148	.858	.833	.894		
429 188		1044				.848	.398	.188	.898	.838	.828	.887		
429 188		1548				.828	.398	.188	.898	.848	.828	.812		
429 188		2150				.748	.388	.148	.888	.848	.829	.898		

CALIFORNIA SLAVE STATIONS

NOISE AMPLITUDES

Station Extension Channel	Day	Hour	Band Center Freq. CPS	.25	.4	.571	.728	.89	1.11	1.43	1.82	2.22	2.96	4.0
			Band Center Period Sec.	4.0	2.5	1.75	1.375	1.125	.9	.7	.55	.45	.35	.25
122 174 1435						1.360	.990	.820	.690	.810	.889	.867		
122 175 2214						2.380	1.100	.920	.280	.840	.884	.897		
312 164 100						2.180	.850	.850	.580	.160	.874	.832		
312 164 405						2.190	.970	.780	.310	.110	.839	.832		
312 164 1157						1.930	.880	.598	.396	.130	.856	.832		
312 164 2017						1.270	.480	.310	.100	.050	.828	.823		
312 165 126						1.130	.470	.240	.110	.040	.828	.823		
312 165 425						1.230	.970	.270	.110	.040	.848	.828		
312 165 1120						1.200	.938	.290	.100	.060	.839	.823		
312 165 1555						1.160	.960	.380	.170	.080	.848	.839		
312 166 45						1.050	.390	.240	.130	.060	.848	.832		
312 166 545						1.010	.390	.240	.110	.050	.825	.823		
312 166 1845						1.010	.390	.240	.130	.060	.839	.832		
322 173 2215						1.130	.438	.278	.170	.110	.868	.845		
322 174 412						.870	.410	.240	.120	.060	.856	.848		
322 174 954						.890	.418	.180	.080	.040	.839	.823		
322 174 1810						.780	.368	.140	.080	.040	.848	.816		
322 174 1818						1.050	.470	.380	.170	.110	.879	.856		
322 178 158						1.330	.960	.320	.180	.120	.888	.856		
322 178 1200						1.160	.920	.250	.098	.050	.834	.823		
324 178 1557						.920	.438	.280	.180	.080	.834	.823		
324 178 2038						1.050	.430	.210	.090	.040	.828	.832		
322 179 206						1.330	.980	.480	.330	.200	.184	.848		
324 179 700						1.138	.430	.240	.150	.060	.828	.823		
322 179 1238						.960	.458	.218	.120	.040	.828	.816		
322 179 1524						.920	.370	.240	.098	.050	.820	.816		
322 179 1700						1.010	.500	.240	.130	.050	.828	.823		
332 179 2157						1.130	.430	.210	.090	.040	.828	.816		
332 180 440						1.190	.590	.380	.220	.130	.868	.856		
334 180 1309						1.130	.590	.320	.170	.090	.862	.839		
332 180 1755						1.138	.928	.280	.200	.120	.884	.868		
334 180 2158						1.238	.908	.298	.160	.050	.839	.823		
334 181 308						1.330	.980	.330	.170	.050	.828	.823		
334 181 805						1.130	.488	.218	.140	.060	.828	.816		
334 181 1308						1.450	.830	.360	.240	.140	.896	.832		
332 181 1745						1.168	.488	.240	.118	.060	.839	.823		
332 180 1951						.928	.458	.280	.140	.100	.862	.862		
332 187 132						1.858	.928	.310	.170	.090	.874	.839		
332 187 545						1.200	.470	.320	.180	.080	.868	.848		
332 187 1100						.870	.420	.240	.130	.050	.828	.823		
332 187 2007						1.850	.410	.240	.130	.060	.862	.832		
332 188 18						1.818	.394	.210	.140	.050	.828	.816		
332 188 500						.940	.410	.200	.090	.040	.828	.816		
332 188 1000						1.168	.410	.250	.130	.060	.828	.816		
332 188 1510						.870	.420	.180	.080	.030	.820	.810		
412 194 2030						.620	.210	.100	.030	.030	.828	.816		
412 195 113						.458	.200	.100	.080	.040	.834	.823		
414 195 600						.960	.530	.180	.140	.070	.856	.844		
412 195 1188						.828	.328	.130	.090	.020	.824	.807		
414 195 1627						.590	.200	.080	.040	.020	.809	.807		
412 196 1943						1.090	.430	.250	.170	.080	.878	.844		
412 199 45						.650	.260	.080	.040	.030	.822	.814		
412 199 947						.650	.260	.130	.040	.810	.889	.867		
412 199 1050						.690	.264	.110	.040	.830	.820	.810		
412 199 1947						.920	.430	.200	.090	.050	.828	.816		
422 199 1949						.950	.480	.150	.080	.040	.823	.816		
424 200 51						.770	.270	.130	.050	.040	.826	.822		
422 200 545						.820	.280	.140	.090	.020	.828	.810		
422 200 1044						.770	.298	.130	.090	.010	.820	.823		
422 200 1450						.700	.280	.090	.040	.020	.828	.810		
422 200 1658						.820	.240	.110	.050	.030	.828	.816		
422 200 2158						.650	.290	.130	.050	.030	.828	.816		
422 201 300						.870	.298	.130	.080	.030	.828	.816		
422 201 800						.670	.280	.130	.050	.030	.828	.816		
422 201 1257						.970	.430	.170	.090	.030	.828	.816		
422 201 1756						.920	.370	.130	.090	.020	.825	.816		

Station Extension Channel	Day	Hour	Band Center Freq. CPS	.25	.4	.571	.728	.89	1.11	1.43	1.82	2.22	2.96	4.0
			Band Center Period Sec.	4.0	2.5	1.75	1.375	1.125	.9	.7	.55	.45	.35	.25
332 181 300						1.268	.470	.270	.110	.058	.834	.816		
332 181 815						1.010	.390	.210	.080	.040	.819	.807		
332 181 1300						1.090	.398	.240	.090	.040	.829	.816		
332 181 1754						1.130	.370	.200	.090	.040	.820	.810		
332 186 1951						.898	.328	.200	.090	.040	.820	.810		
332 187 132						.920	.370	.240	.140	.090	.896	.845		
332 187 545						1.096	.320	.180	.110	.050	.839	.823		
332 187 1100						.870	.320	.160	.080	.030	.829	.807		
332 187 2007						.780	.328	.160	.080	.040	.820	.823		
332 188 18						.788	.328	.160	.098	.040	.820	.823		
332 188 500						.788	.328	.160	.090	.030	.820	.813		
332 188 1000						.908	.328	.160	.090	.030	.819	.810		
332 188 1510						.788	.328	.160	.090	.040	.820	.810		
412 194 2030						.898	.260	.180	.080	.040	.831	.822		
412 195 113						.548	.408	.278	.170	.120	.884	.856		
412 195 600						.728	.298	.140	.080	.030	.822	.813		
412 195 1188						.648	.278	.130	.060	.030	.822	.807		
412 195 1627						.498	.228	.100	.060	.020	.819	.807		
412 196 1943						.718	.398	.160	.120	.060	.844	.829		
412 199 46						.648	.278	.130	.060	.040	.825	.810		
414 199 947						.844	.338	.210	.080	.020	.809	.807		
414 199 1050						.648	.268	.128	.060	.040	.822	.810		
413 199 1547						.928	.458	.198	.080	.050	.828	.813		
423 199 1949						.588	.228	.160	.080	.040	.835	.823		
423 200 51						.488	.188	.098	.060	.040	.828	.816		
423 200 545						.488	.210	.140	.080	.040	.828	.813		
423 200 1044						.468	.208	.108	.070	.030	.820	.822		
423 200 1458						.618	.270	.138	.070	.030	.820	.810		
423 200 1658						.468	.228	.128	.060	.030	.820	.810		
423 200 2158						.848	.288	.158	.080	.040	.828	.822		
423 201 300						.778	.298	.150	.080	.040	.828	.822		
423 201 800						.698	.278	.138	.060	.040	.828	.822		
423 201 1257						.688	.308	.170	.098	.030	.822	.810		
423 201 1758						.648	.288	.118	.070	.030	.820	.816		
423 201 2227						.648	.258	.140	.080	.030	.820	.829		
424 202 246						.618	.268	.128	.080	.030	.825	.812		
423 202 746						.648	.288	.148	.080	.030	.820	.812		
424 202 1220						.928	.418	.198	.070	.030	.820	.822		
424 202 1748						.888	.388	.178	.090	.040	.820	.822		
424 203 1708						.688	.288	.168	.090	.040	.840	.844		
423 203 2200						.688	.318	.168	.080	.040	.834	.822		
424 204 340						.488	.208	.118	.060	.040	.828	.819		
423 204 734						.548	.218	.128	.060	.020	.822	.813		
423 204 1230						.508	.198	.098	.040	.020	.819	.807		
433 207 417						.908	.388	.188	.090	.030	.820	.807		
434 207 840						.828	.358	.188	.090	.020	.822	.807		
434 207 1300						.888	.388	.188	.090	.020	.812	.807		
433 207 1745						.888	.368	.188	.090	.020	.820	.812		
433 208 37						.908	.368	.188	.098	.030	.816	.814		
434 208 458						.888	.378	.188	.080	.038	.815	.812		
433 208 931						.588	.298	.148	.080	.030	.812	.812		
433 208 1443						.628	.268	.148	.080	.030	.819	.810		
434 208 1705						.888	.368	.138	.098	.038	.819	.818		
433 208 2257						.828	.358	.188	.090	.040	.828	.828		
434 209 325						.788	.278	.138	.080	.038	.819	.812		
434 209 1258						.748	.288	.138	.090	.028	.814	.814		
434 209 1338						.948	.408	.208	.098	.038	.819	.819		
434 212 1627						.688	.288	.148	.098	.038	.812	.807		
434 213 12						.688	.298	.148	.080	.038	.828	.818		
433 213 925						.698	.288	.138	.090	.028	.819	.818		
433 213 1338						.688	.288	.138	.080	.038	.819	.818		
433 213 1912						.768	.308	.158	.080	.038	.822	.812		
913 222 2059						0.728	3.178	1.078	1.228	1.078	1.008	1.068		
914 222 2135						.888	.488	.288	.140	.078	1.248	1.408		
934 227 2218						1.228	.948	.548	.198	.118	.888	.896		
934 228 1845						.824	.398	.248	.148	.088	.854	.839		
423 201 300						.840	.468	.248	.148	.088	.857	.872		
425 201 800						.870	.378	.208	.178	.098	.861	.839		
425 201 1257						1.098	.498	.288	.178	.098	.864	.837		
425 201 1756						.918	.428	.228	.178	.098	.838	.814		
425 201 2227						.748	.328	.188	.098	.038	.823	.812		
429 202 246						.648	.288	.188	.098	.038	.825	.818		
429 202 746						.648	.338	.188	.078	.038	.822	.814		
429 202 1220						.928	.418	.198	.088	.038	.819	.818		
429 202 1748						.888	.388	.178	.098	.038	.819	.818		
429 203 1708						.768	.388	.188	.098	.038	.838	.816		
429 203 2200						.888	.398	.178	.088	.058	.834	.895		
429 204 340						.558	.268	.178	.088	.048	.829	.828		
429 204 738						.588	.278	.178	.088	.038	.828	.813		
429 204 1238						.648	.268	.178	.098	.038	.812	.818		
435 207 417						.778	.248	.148	.098	.028	.829	.818		
435 207 840						.648	.248	.148	.078	.038	.828	.813		
435 207 1308						.778	.328	.188	.098	.028	.819	.812		
435 207 1745						.778	.328	.188	.098	.038	.859	.892		
435 208 37						.758	.328	.188	.098	.038	.821	.878		
435 208 458						.818	.288	.148	.078	.028	.819	.812		
435 208 931						.738	.328	.188	.098	.028	.828	.812		
435 208 1443						.718	.298	.148	.098	.028	.828	.812		
435 208 1705						.728	.298	.148	.098	.038	.828	.818		
435 208 2257						1.018	.428	.248	.178	.098	.864	.839		
439 209 325						.848	.398	.188	.098	.038	.828	.818		
439 209 1258						.648	.418	.188	.098	.038	.828	.818		
439 209 1338						.548	.348	.178	.098	.038	.828	.807		
439 212 1627						.898	.398	.178	.088	.048	.828	.814		
439 213 12						.988	.478	.218	.118	.068	.841	.838		
439 214 925						.858	.378	.178	.078	.038	.819	.814		
439 213 1338						.748	.328	.188	.098	.038	.828	.818		
439 214 1912						.938	.378	.188	.098	.038	.828	.818		
919 222 2059						1.148	.718	.378	.188	.148	.138	.254		
939 222 2135						2.438	1.198	.888	.428	.278	.335	.258		
939 227 2218						2.188	.738	.488	.288	.148	.888	.896		
939 228 1845						.988	.398	.248	.148	.088	.861	.851		
939 229 1915						.788	.378	.218	.098	.048	.834	.836		
719 243 300						0.998	5.158	1.448	.918	.598	1.178	.821		
719 243 738						9.898	4.868	1.498	1.128	.718	1.178	1.008		
719 243 1238						9.898	5.008	1.598	.998	.828	1.018	.998		
719 243 1758						9.878	4.728	1.098	.848	.798	1.228	.951		
719 244 308						8.888	3.948	1.298	.798	1.478	1.338	.825		
719 244 808						10.818	4.888	1.618	.888	1.328	1.138	.708		
719 244 1308						8.868	3.978	1.498	.818	1.368	1.248	.685		
719 244 2218						8.288	3.278	1.598	.898	.448	.752	.541		
719 245 55						6.886	2.776	.976	.526	.126	.668	.639		
719 245 358						8.288	3.328	.978	.978	.128	.874	.891		
719 245 858						8.693	3.888	1.348	.498	.128	.848	.832		
719 245 1358						11.598	5.008	1.598	.998	.178	.926	.872		
719 245 1928						9.578	5.968	1.638	.988	.178	.824	.872		
719 245 1927						7.388	3.498	1.038	.548	.128	.888	.891		
729 250						8.668	5.888	.998	.648	.988	.886	.745		
729 250 508						8.898	4.908	.998	.898	.988	.718	.918		
729 250 1008						8.188	4.888	1.278	.938	.988	.758	.879		
729 250 1508						8.488	5.218	1.058	.848	.588	.747	.866		
729 250 2008						9.858	4.998	1.228	.888	.678	.718	.741		
729 251 258						10.288	7.078	1.978	.988	1.278	1.588	1.388		
729 251 758						12.888	7.138	1.928	1.128	.868	1.228	1.388		
729 251 1258						12.688	6.898	1.978	.888	.948	1.288	1.378		
729 251 1808						7.788	5.738	1.688	1.388	.828	1.228	1.488		
729 251 1908						8.048	3.988	1.488	.918	.678	1.838	.873		
729 255						8.248	4.978	1.178	.888	.888	.978	.888		
729 255 508						11.288	5.948	1.488	.918	.868	1.288	.838		
729 255 1008						9.888	6.278	1.988	.758	.868	1.888	.758		
729 255 1508						8.888	5.888	1.578	.918	.938	.888	.798		
729 255 1909						7.788	5.918	1.438	.888	.818	1.148	.918		

CALIFORNIA SLAVE STATIONS

NOISE AMPLITUDES

Station Extension Channel	Day	Hour	Band Center Freq. CPS	.25	.4	.571	.728	.89	1.11	1.43	1.82	2.22	2.96	4.0
			Band Center Period Sec.	4.0	2.5	1.75	1.375	1.125	.9	.7	.55	.45	.35	.25
422 201 2207						.684	.430	.170	.080	.030	.025	.016		
422 202 246						.544	.220	.120	.050	.030	.020	.010		
422 202 746						.828	.410	.170	.070	.030	.020	.012		
422 202 1226						.714	.290	.170	.080	.040	.020	.012		
422 202 1748						.800	.320	.160	.080	.030	.026	.012		
422 205 1708						.668	.260	.100	.040	.030	.020	.016		
422 205 2200						.800	.320	.160	.080	.060	.037	.023		
422 206 324						.560	.240	.140	.050	.030	.020	.018		
422 206 730						.650	.230	.100	.040	.020	.016	.012		
422 206 1230						.698	.220	.110	.050	.020	.012	.012		
432 207 417						.760	.210	.110	.040	.020	.023	.007		
432 207 840						.668	.220	.120	.050	.020	.015	.007		
432 207 1300						.710	.230	.100	.040	.020	.012	.007		
432 207 1745						.650	.270	.140	.080	.040	.025	.016		
432 208 37						.660	.280	.140	.050	.020	.015	.010		
432 208 458						.760	.270	.150	.080	.030	.015	.007		
432 208 931						.748	.278	.148	.070	.020	.009	.007		
432 208 1403						.620	.310	.130	.050	.020	.016	.012		
432 208 1705						.650	.290	.140	.050	.030	.025	.014		
432 208 2257						.770	.380	.170	.080	.060	.044	.028		
432 209 329						.650	.410	.150	.080	.030	.020	.010		
432 209 830						.700	.370	.160	.090	.020	.022	.007		
432 209 1330						.680	.410	.150	.070	.020	.022	.010		
432 212 1627						.870	.320	.160	.080	.030	.020	.014		
432 213 12						.879	.370	.190	.090	.060	.039	.028		
432 213 525						.804	.400	.150	.080	.020	.015	.012		
432 213 1030						.730	.340	.140	.080	.040	.028	.016		
432 213 1512						.870	.340	.190	.080	.040	.020	.014		
712 243 308						7.960	5.250	1.700	.660	.460	1.060	.728		
712 243 738						10.080	5.430	.180	.660	.920	1.060	.740		
712 243 1200						11.900	5.410	1.270	.820	.560	.915	.840		
712 243 1708						9.800	5.250	1.500	.710	.460	.992	.720		
712 244 300						11.500	3.770	1.080	.540	.840	1.250	.763		
712 244 808						8.440	2.950	.980	.540	.960	1.250	.600		
712 244 1300						13.700	6.120	1.320	.900	.710	.965	.672		
712 244 1800						10.050	4.250	1.010	.540	1.030	1.170	.668		
712 248 2210						9.700	5.100	1.950	.790	.690	1.120	.848		
712 249 55						12.500	5.950	1.420	.790	.580	.770	.765		
712 249 358						11.380	5.280	1.270	1.080	.840	1.060	.895		
712 249 638						9.660	5.620	1.270	.880	.590	1.080	.888		
712 249 1136						7.300	3.920	2.080	.880	.460	.835	.625		
712 249 1910						9.380	3.400	1.740	.840	.580	1.030	.765		
712 249 1927						9.520	5.600	1.440	.790	.610	1.340	.732		
722 250 2200						13.280	7.590	1.610	.910	1.040	1.260	1.625		
722 251 300						12.480	9.840	2.050	1.080	.780	1.620	1.490		
722 251 800						11.080	7.130	1.880	1.340	.870	1.340	1.620		
722 251 1300						12.880	6.500	2.040	1.180	.850	1.350	1.200		
722 251 1800						13.080	7.000	1.440	1.080	.840	1.260	1.440		
722 254 1900						11.580	6.120	1.170	.670	.810	1.120	.772		
722 255						8.980	5.430	1.190	.690	.600	1.100	.762		
722 255 500						10.380	7.130	1.390	.910	.600	1.080	.895		
722 255 1000						6.600	5.780	1.240	.690	.590	.983	.612		
722 255 1500						9.200	6.580	1.480	.670	.520	1.090	.867		
722 255 1905						9.650	7.080	1.190	.770	.670	1.330	.876		
722 256						12.780	6.080	1.390	.940	.730	1.390	.905		
722 256 500						9.280	7.120	1.440	.810	.690	1.020	.932		
722 256 1000						10.880	5.568	1.190	.770	.590	1.020	.650		
722 256 1500						7.480	6.780	1.080	.940	.620	1.030	.882		
732 257 700						7.530	4.860	1.190	.940	.530	.834	.965		
732 257 1200						8.580	6.320	.920	.840	.550	1.230	1.110		
732 257 1700						5.880	4.640	1.138	.940	.610	.740	.912		
732 257 2200						9.650	5.270	1.080	.730	.650	.954	.647		
732 258 300						7.480	4.380	1.240	.810	.710	.921	.758		
732 2A1 1900						7.300	3.920	1.028	.540	.490	1.248	1.838		
732 2A2						9.190	5.270	.950	.540	.440	.920	1.868		
732 2A2 900						6.820	5.240	.780	.600	.440	.880	.976		
414 188 1910						.858	.490	.180	.090	.050	.024	.023		
414 194 2038						.568	.288	.188	.040	.030	.020	.016		
414 195 114						.740	.388	.200	.130	.070	.052	.030		
414 195 448						.748	.340	.140	.050	.020	.008	.007		
414 195 1100						.650	.230	.130	.080	.030	.024	.032		
414 195 1627						.548	.248	.090	.030	.020	.015	.007		
414 198 1943						.650	.288	.130	.040	.020	.012	.016		
414 199 5						.548	.288	.090	.040	.030	.020	.010		
414 199 547						.548	.220	.100	.040	.020	.012	.007		
414 199 1050						.548	.220	.100	.040	.030	.026	.010		
414 199 1547						.770	.378	.180	.090	.030	.022	.007		
424 199 1949						.740	.320	.150	.070	.040	.034	.023		
424 200 51						.740	.270	.180	.080	.040	.023	.010		
424 200 545						.700	.290	.140	.060	.040	.023	.012		
424 200 1044						.650	.230	.130	.040	.020	.039	.007		
424 200 1450						.580	.180	.090	.030	.030	.048	.014		
424 200 1650						.498	.198	.100	.050	.030	.012	.010		
424 200 2150						.658	.218	.110	.050	.030	.024	.032		
424 201 300						.530	.248	.150	.080	.050	.039	.019		
424 201 800						.710	.430	.250	.210	.130	.084	.043		
424 201 1257						.584	.260	.200	.140	.090	.058	.019		
424 201 1758						.710	.280	.180	.090	.040	.030	.019		
424 201 2257						.708	.270	.160	.120	.060	.044	.023		
424 202 246						.568	.210	.140	.080	.050	.037	.028		
424 202 746						.718	.320	.190	.090	.060	.039	.032		
424 202 1228						.660	.198	.188	.080	.036	.039	.016		
424 202 1748						.660	.240	.180	.080	.040	.030	.010		
424 205 1708						.548	.248	.130	.080	.040	.034	.010		
424 205 2200						.808	.378	.210	.140	.100	.058	.023		
424 206 324						.488	.218	.190	.080	.080	.070	.032		
424 206 730						.488	.188	.110	.080	.030	.029	.019		
424 206 1230						.548	.298	.120	.070	.030	.029	.019		
434 207 417						.718	.288	.128	.090	.030	.029	.012		
434 207 840						.658	.428	.170	.070	.030	.039	.012		
434 207 1300						.620	.280	.120	.090	.020	.026	.012		
434 207 1745						.660	.240	.190	.100	.060	.044	.028		
434 208 37						.778	.388	.160	.100	.050	.034	.020		
434 208 458						.658	.268	.180	.080	.040	.020	.019		
434 208 931						.584	.268	.148	.090	.030	.018	.023		
434 208 1403						.580	.250	.140	.070	.030	.020	.016		
434 208 1705						.648	.268	.130	.080	.030	.029	.014		
434 208 2257						.778	.328	.180	.110	.060	.046	.028		
434 209 329						.738	.340	.170	.080	.040	.042	.014		
434 209 830						.650	.280	.200	.080	.030	.044	.013		
434 209 1330						.588	.268	.180	.080	.040	.024	.018		
434 212 1627						.828	.338	.180	.080	.040	.025	.014		
434 213 12						.988	.488	.218	.128	.070	.056	.039		
434 213 525						.804	.388	.188	.110	.060	.042	.025		
434 213 1038						.808	.358	.208	.110	.060	.042	.028		
434 213 1512						.948	.368	.208	.108	.060	.058	.032		
714 243 308						6.630	2.848	.988	.690	1.120	.748	.230		
714 243 738						6.588	4.818	.988	.540	.458	.960	.548		
714 243 1200						6.828	5.218	1.130	.770	.378	.838	.680		
714 243 1708						5.948	4.098	.988	.540	.330	.838	.680		
714 244 308						7.418	2.428	.888	.380	.598	.968	.458		
714 244 808						7.788	2.948	.888	.490	.540	.758	.930		
714 244 1308						7.968	3.818	.888	.340	.998	.888	.498		
714 248 2210						8.948	4.438	2.088	1.088	.838	.958	.798		
714 249 55						8.570	4.758	1.098	.178	.698	1.058	.702		
714 249 358						6.958	4.588	1.278	.818	.938	1.068	.696		
714 249 638						7.788	5.348	1.138	.778	.498	.928	.782		
714 249 1136						7.418	3.248	1.988	.778	.518	.788	.698		
714 249 1928						6.188	4.488	1.138	.698	.478	.788	.798		
714 249 1927						8.228	5.088	1.278	.858	.998	1.098	.728		
724 250						6.298	3.888	.988	.648	.318	.718	.678		
724 250 900						7.448	4.498	1.088	.698	.478	.898	.748		

NOISE AMPLITUDES

Station Extension Channel	Day	Hour	Band Center Freq. CPS	.25	.4	.571	.728	.89	1.11	1.43	1.82	2.22	2.96	4.0
			Band Center Period Sec.	4.0	2.5	1.75	1.375	1.125	.9	.7	.55	.45	.35	.25
933 229 1919						.718	.488	.188	.108	.058	.091	.035		
713 243 308						7.128	5.158	1.888	.738	.938	1.238	.748		
713 243 738						8.728	4.498	1.278	.778	.598	1.118	.848		
713 243 1200						9.868	4.668	2.788	1.088	1.358	1.128	.848		
713 243 1708						8.188	5.088	1.588	.848	.598	1.128	.648		
713 244 308						8.898	3.428	2.198	.948	.858	1.118	.578		
713 244 800						6.818	3.168	.768	.388	.648	.988	.518		
713 244 1308						9.788	3.498	.988	.688	1.098	1.148	.578		
713 248 2210						7.418	4.498	1.138	.858	.588	1.088	.758		
713 249 55						8.488	4.498	1.138	.938	.648	.938	.635		
713 249 358						3.568	4.298	1.138	.758	.598	.988	.648		
713 249 638						9.098	4.928	.988	.858	.458	.948	.738		
713 249 1106						4.698	3.708	1.348	.778	.938	.988	.708		
713 249 1928						6.188	4.478	1.138	.818	.698	.818	.748		
713 249 1927						6.508	5.268	1.138	.888	.458	1.088	.708		
723 250						8.658	3.488	1.388	.778	.758	.198	.126		
723 250 500						7.448	3.988	1.888	.778	1.098	1.848	1.498		
723 250 1000						7.728	5.268	1.328	.888	.888	1.478	1.338		
723 250 1500						7.268	5.268	1.498	.918	.888	1.428	1.488		
723 250 1840						8.158	5.708	1.518	1.058	.888	1.468	1.338		
723 250 2200						18.888	6.688	1.888	1.098	1.238	2.148	1.888		
723 251 300						16.988	7.888	1.878	1.228	1.088	2.268	1.918		
723 251 800						10.188	7.888	2.898	1.348	1.228	2.268	1.878		
723 251 1300						11.888	6.888	1.888	1.098	1.108	1.798	1.448		
723 251 1800						10.108	7.068	1.888	.948	.928	1.768	1.488		
723 254 1900						12.988	9.258	1.618	.778	1.028	1.968	.994		
723 255						7.488	5.958	1.778	1.018	.888	1.898	.988		
723 255 500						12.888	9.798	1.618	1.098	1.168	1.938	1.598		
723 255 1000						10.188	7.188	1.918	1.898	1.888	1.888	1.438		
723 255 1500						9.268	8.088	1.488	.778	.798	1.718	1.318		
723 255 1905						10.988	7.188	1.488	.948	.948	2.088	1.488		
723 256						11.778	8.088	1.618	1.198	1.188	2.188	1.478		
723 256 500						9.288	5.488	1.618	1.058	.758	1.898	1.508		
723 256 1000						11.188	5.788	1.618	.948	.888	1.738	1.348		
723 256 1500						7.198	6.068	1.888	1.198	.988	2.018	1.518		
733 257 708						12.888	6.328	1.198	1.088	.848	1.798	1.178		
733 257 1208						8.338	7.318	1.188	.758	.678	1.988	1.078		
733 257 1708						8.378	6.448	1.438	.978	.628	1.998	1.928		
733 257 2208						12.888	6.468	1.398	.978	.858	1.988	1.148		
733 258 308						12.888	6.468	1.138	.668	.918	1.628	1.298		
733 2A1 1908						8.788	6.118	1.148	.758	.898	1.718	1.298		
733 2A2						18.588	6.248	1.328	.828	.888	1.718	1.148		
733 2A2 908						7.968	6.058	1.348	.888	.558	1.748	1.258		
733 2A2 1908						10.188	6.958	1.298	.738	.788	1.798	1.168		
733 2A2 1908						9.888	6.468	1.698	.818	.938	1.698	1.298		
733 2A2 1910						18.488	6.548	1.198	.758	.738	1.658	1.228		
733 2A3						8.478	5.948	1.508	.898	.688	1.658	1.298		
733 2A3 500						9.388	5.178	.978	.388	.378	1.098	1.448		
733 2A3 1008						9.858	6.448	1.278	.818	.948	1.658	1.248		
733 2A3 1508						8.128	5.948	1.198	.778	.698	1.448	1.218		
733 2A3 1908						9.858	7.358	1.328	.688	1.128	1.898	1.548		
733 2A4						13.888	7.788	1.348	.778	.888	1.978	1.448		
733 2A4 500						18.188	8.278	1.588	1.978	1.398	1.928	1.578		
733 2A4 1008						9.288	8.888	1.588	.888	1.588	1.928	1.578		
733 2A4 1508						16.988	8.858	1.398	.948	.928	1.768	1.148		
813 284 320						4.748	1.888	.888	.948	.338	.128	.056		
813 284 818						3.938	1.488	.828	.578	.398	.138	.072		
813 284 1318						3.878	1.888	.898	.588	.318	.188	.083		
813 284 1848						3.948	1.988	1.088	.638	.358	.138	.068		
813 284 2038						2.328	1.218	.948	.358	.218	.088	.039		
813 285 108						2.398	1.448	1.088	.538	.318	.188	.091		
813 285 508						2.328	1.428	.588	.498	.208	.088	.032		
813 285 1008						4.418	2.168	.798	.588	.268	.088	.088		
813 285 1508						2.368	1.148	.578	.358	.198	.071	.032		
813 285 1956						3.848	1.238	.778	.488	.248	.111	.048		
823 286 193						3.348	1.418	.998	.718	.298	.119	.072		
729 256						7.548	5.628	1.698	.918	.788	1.138	.886		
729 256 500						7.548	5.988	1.638	1.048	.528	.988	.894		
729 256 1008						8.728	6.988	1.228	.818	.538	1.088	.896		
729 256 1508						8.248	5.958	1.508	.918	.678	.999	.948		
739 257 708						8.238	4.278	1.088	.798	.678	.958	.748		
739 257 1208						9.818	4.958	1.148	.778	.628	1.088	.683		
739 257 1708						7.258	6.098	1.148	.678	.658	1.058	1.148		
739 257 2208						9.078	4.058	1.088	.848	.988	1.248	1.088		
739 258 308						7.918	4.268	1.048	.848	.678	1.248	.938		
739 261 1908						6.308	2.988	.898	.858	.598	1.118	.978		
739 262 1910						6.368	3.488	.888	.648	.468	.982	.897		
739 2A3						9.048	3.928	.648	.648	.498	1.098	.845		
739 2A3 500						7.788	3.328	.998	.548	.938	1.188	1.028		
739 2A3 1008						9.478	4.288	.888	.698	.418	.978	.758		
739 2A3 1908						10.808	9.258	1.978	.988	1.218	1.088	1.538		
739 2A4						9.448	5.858	1.278	.778	1.238	1.078	1.538		
739 2A4 500						10.788	7.378	1.328	.938	.698	.958	1.448		
739 2A4 1008						9.238	6.958	1.328	.958	.888	1.098	1.598		
739 2A4 1508						10.888	4.958	1.178	.798	.988	1.588	1.598		
819 284 320						3.848	1.418	.598	.548	.228	.092	.068		
819 284 818						2.878	.878	.588	.548	.388	.115	.096		
819 284 1318						3.848	1.528	.678	.588	.248	.067	.023		
819 284 1848						3.248	1.468	.988	.648	.288	.083	.039		
819 284 2038						4.578	1.888	.958	.518	.188	.088	.051		
819 285 108						4.958	3.818	1.528	.948	.298	.088	.032		
819 285 508						5.048	2.928	1.378	.618	.268	.028	.023		
819 285 1008						3.748	2.958	1.178	.898	.278	.088	.032		
819 285 1508						3.908	2.148	.998	.598	.228	.088	.046		
819 285 1956						4.488	1.928	1.158	.648	.388	.133	.045		
829 286 193						6.378	3.988	1.678	.728	.268	.088	.044		
829 286 508						5.578	2.988	1.178	.728	.248	.088	.040		
829 286 1108						4.158	2.488	.778	.248	.118	.048	.028		
829 286 1508						5.748	2.788	1.188	.548	.198	.108	.072		
829 286 2018						6.858	2.748	1.388	.948	.218	.118	.079		
829 290 108						8.488	3.828	1.488	.588	.338	.118	.048		
829 290 508						7.588	3.528	1.928	.748	.278	.088	.048		
829 290 1118						8.728	3.428	2.058	.778	.268	.118	.064		
829 290 1618						7.188	3.888	1.778	.788	.268	.128	.064		
829 291 14						10.188	3.758	1.888	.778	.288	.088	.072		
829 291 515						9.388	3.928	1.888	.778	.298	.128	.053		
829 291 1049						7.488	3.448	1.858	.798	.288	.088	.023		
829 291 1528						6.948	3.348	1.978	.648	.288	.028	.023		
829 291 2028						4.958	2.778	1.208	.488	.128	.039	.023		
829 292 101						4.758	2.188	1.088	.348	.188	.094	.091		
829 292 605						3.448	1.878	.778	.218	.098	.048	.023		
829 292 1109						3.488	1.578	.428	.178	.108	.062	.045		
829 292 1618						2.688	1.888	.498	.228	.068	.048	.032		
829 292 2228						2.958	1.228	.548	.208	.118	.062	.048		
829 293 308						2.918	1.928	.588	.248	.118	.048	.032		
829 293 758						2.148	1.118	.428	.188	.088	.048	.032		
829 293 1258						2.088	.928	.508	.248	.098	.048	.032		
829 293 1758						1.828	.968	.548	.268	.118	.059	.039		
829 293 2258						4.798	1.878	1.228	.548	.288	.078	.051		
829 297 308						5.508	2.288	1.548	.748	.268	.088	.032		
829 297 845						5.508	2.288	1.598	.748	.268	.062	.032		
829 297 1141						4.588	1.878	1.088	.558	.228	.068	.032		
829 297 1648						1.748	1.088	.748	.388	.248	.088	.051		
829 297 2149						3.288	1.548	.748	.388	.248	.088	.039		
829 298 243						3.898	1.338	.748	.388	.148	.088	.023		
829 298 745						2.848	1.118	.718	.368	.148	.056	.023		
839 298 1241						2.488	1.188	.888	.388	.138	.048	.023		
839 298 1748						2.368	2.888	.798	.338	.098	.039	.023		
839 299 101						10.798	8.188	1.948	1.048	.388	.197	.141		
919 302 608						13.688	9.858	2.488	1.098	.988	.176	.125		
919 302 1108						15.188	6.628	4.888	1.398	.488	.128	.072		
919 302 1908						14.988	6.488	2.988	1.178	.488	.197	.284		

CALIFORNIA SLAVE STATIONS

NOISE AMPLITUDES

Station Extension Channel	Day	Hour	Band Center Freq. CPS	.25	.4	.571	.728	.89	1.11	1.43	1.82	2.22	2.96	4.0
			Band Center Period Sec.	4.0	2.5	1.75	1.375	1.125	.9	.7	.55	.45	.35	.25
932	307	1700				19.500	6.720	3.410	1.200	.800	.197	.161		
932	307	1710				15.400	5.780	3.160	1.540	.530	.197	.161		
932	310	2040				12.200	3.920	1.920	.600	.170	.124	.072		
932	311					12.900	3.740	1.410	.670	.240	.197	.176		
932	311	900				18.610	2.650	1.320	.420	.170	.088	.072		
932	311	1000				8.610	2.420	1.130	.460	.200	.088	.072		
932	311	1320				7.630	4.660	1.930	.600	1.680	.124	.203		
932	311	2000				8.040	3.300	1.390	1.090	.200	.124	.125		
932	312	10				6.810	1.830	.920	.420	.260	.197	.125		
932	312	505				4.600	2.120	.700	.460	.170	.088	.072		
932	312	1000				4.770	1.920	1.050	.520	.170	.088	.072		
932	312	1515				5.890	3.090	1.390	.570	.260	.088	.072		
932	312	2005				5.750	2.780	1.110	.420	.170	.062	.072		
932	313	110				9.400	3.840	1.930	.690	.170	.088	.102		
932	313	610				10.000	3.320	1.130	.340	.170	.088	.072		
932	313	1110				10.000	2.420	1.320	.420	.170	.088	.072		
932	313	1610				11.100	4.610	1.480	.640	.240	.088	.132		
932	313	2110				8.720	3.020	2.240	.640	.240	.152	.144		
932	314					18.100	9.150	5.210	1.440	.650	.394	.227		
932	314	500				15.400	10.700	3.800	1.090	9.280	.278	.204		
932	314	1000				12.200	4.560	2.100	.890	.310	.124	.102		
932	314	1520				7.910	4.090	2.040	.600	.310	.152	.144		

Station Extension Channel	Day	Hour	Band Center Freq. CPS	.25	.4	.571	.728	.89	1.11	1.43	1.82	2.22	2.96	4.0
			Band Center Period Sec.	4.0	2.5	1.75	1.375	1.125	.9	.7	.55	.45	.35	.25
932	314	2110				18.100	8.980	2.800	.980	.840	.124	.072		
932	314					8.780	3.690	2.120	.610	.230	.197	.099		
932	314	980				13.600	10.700	3.320	.770	.930	.394	.322		
932	314	1000				12.000	6.890	2.100	.820	.860	.480	.144		
932	314	1520				8.700	4.010	2.040	.600	.290	.130	.094		

724	250	1000				7.610	3.980	.980	.640	.410	.788	.926		
724	250	1500				6.520	3.480	1.250	.810	.440	.623	.861		
724	250	1840				7.720	4.480	1.140	.640	.980	.825	.933		
724	250	2200				9.450	9.070	1.480	.980	.750	1.370	1.930		
724	251	300				11.480	6.980	1.750	1.010	.770	.916	1.398		
724	251	800				10.100	8.160	1.510	.810	.790	1.210	1.160		
724	251	1300				10.500	6.200	1.710	.980	.670	1.130	1.290		
724	251	1800				12.800	6.610	1.970	.940	.750	1.300	1.210		
724	254	1900				9.180	4.980	1.820	.830	.540	.993	.887		
724	255					10.100	5.420	1.140	.880	.930	.914	.914		
724	255	900				10.200	5.390	1.440	.660	.670	1.160	1.010		
724	255	1800				7.660	5.800	1.420	.790	.590	1.170	.884		
724	255	1900				8.250	5.350	1.290	.980	.630	1.060	.740		
724	255	1905				8.360	7.240	1.480	.940	.530	1.190	1.060		
724	256					9.490	7.360	1.390	1.090	.880	1.210	.948		
724	256	900				9.440	4.850	1.170	.570	.880	1.210	.887		
724	256	1800				9.690	5.800	1.420	.810	.540	1.080	.914		
724	256	1910				7.380	6.620	1.300	.980	.590	1.080	1.120		
734	257	700				8.230	4.290	.950	.730	.950	.777	.980		
734	257	1200				7.530	3.790	.920	.620	.530	.828	.846		
734	257	1700				9.440	3.880	.800	.680	.820	.693	.770		
734	257	2200				7.120	3.630	1.010	.820	.540	.628	.920		
734	258	300				8.520	4.040	1.140	.820	.980	.693	.638		
734	261	1900				4.860	2.420	.570	.460	.290	.498	.467		
734	262					6.370	3.980	1.020	.920	.920	.665	.675		
734	262	500				7.240	4.090	1.110	.750	.530	.730	.827		
734	262	1000				8.230	3.770	1.110	.690	.440	.597	.827		
734	262	1500				4.010	3.730	.950	.570	.370	.514	.645		
734	262	1910				5.000	3.480	.880	.800	.440	.646	.566		
734	263					5.200	3.470	.720	.570	.440	.395	.664		
734	263	500				4.040	3.720	.670	.490	.440	.418	.611		
734	263	1000				6.240	3.460	.950	.600	.460	.621	.594		
734	263	1502				5.200	4.440	.990	.540	.440	.621	.610		
734	263	1900				6.170	5.780	1.030	.690	.480	.622	.859		
734	264					9.920	4.290	.880	.580	.460	.710	.740		
734	264	500				8.830	3.920	.980	1.240	.720	.710	.845		
734	264	1000				7.140	4.490	1.130	.770	.930	.482	.790		
734	264	1500				12.900	6.980	1.130	.860	.990	.772	.870		
814	264	320				4.960	1.720	.940	.440	.220	.484	.823		
814	264	810				3.880	1.120	.740	.390	.230	.096	.672		
814	264	1310				3.440	1.930	.780	.490	.190	.028	.823		
814	264	1640				3.870	1.810	1.000	.540	.230	.088	.864		
814	264	2030				3.020	1.940	.780	.980	.210	.130	.879		
814	265	130				3.950	2.260	1.270	.610	.320	.139	.672		
814	265	900				4.660	2.120	.980	.630	.260	.088	.846		
814	265	1800				6.700	3.380	1.240	.690	.310	.124	.851		
814	265	1900				4.900	1.830	.660	.520	.190	.088	.851		
814	265	1950				9.290	2.040	1.120	.660	.310	.197	.182		
824	266	100				6.050	2.950	1.340	.780	.330	.124	.840		
824	266	600				5.200	2.420	1.290	.640	.260	.188	.851		
824	266	1100				3.380	1.450	.740	.370	.080	.062	.851		
824	266	1550				7.250	2.970	1.270	.460	.280	.088	.672		
824	291	14				6.760	2.980	1.760	.820	.410	.165	.139		
824	291	515				8.640	3.380	1.580	.780	.310	.188	.851		
824	291	1005				7.380	3.370	1.080	.670	.290	.088	.182		
824	291	1520				5.600	3.640	1.960	.790	.360	.088	.672		
824	291	2020				3.040	2.080	1.170	.420	.130	.062	.849		
824	292	101				3.380	1.570	.780	.340	.110	.062	.860		
824	292	605				2.910	1.610	.980	.180	.080	.028	.839		
824	292	1109				2.530	1.110	3.090	.180	.080	.060	.851		
824	292	1610				1.740	.640	.340	.170	.080	.062	.851		
824	292	2200				2.270	.880	.500	.270	.160	.111	.182		
824	293	300				2.460	1.290	.680	.280	.130	.082	.860		
824	293	750				1.980	1.080	.690	.240	.120	.046	.838		
824	293	1250				2.000	.980	.610	.180	.090	.060	.839		
824	293	1750				2.380	0.980	.670	.280	1.220	.091	.860		

CALIFORNIA SLAVE STATIONS

NOISE AMPLITUDES

Station Extension Channel	Day	Hour	Band Center Freq. CPS	.25	.4	.571	.728	.89	1.11	1.43	1.82	2.22	2.96	4.0
			Band Center Period Sec.	4.0	2.5	1.75	1.375	1.125	.9	.7	.55	.45	.35	.25
732 2A2	1080					8.630	3.970	.980	.490	.430	.983	.834		
732 2A2	1740					7.560	4.960	1.140	.620	.460	.910	.870		
732 2A2	1918					7.900	4.370	.880	.570	.500	.956	.910		
732 2A3						7.800	3.980	.880	.570	.410	.815	.769		
732 2A3	1900					11.200	7.160	1.130	.690	.750	1.100	1.480		
732 2A4						11.400	7.700	1.880	.770	.540	.932	1.250		
732 2A4	500					11.380	6.270	.980	.810	.650	1.080	1.480		
732 2A4	1080					10.800	8.480	1.600	.710	.490	.925	1.140		
732 2A4	1500					12.200	6.460	1.130	.770	.590	1.080	1.180		
812 2A4	1520					3.440	1.430	.580	.320	.170	.079	.046		
812 2B4	810					3.420	1.390	.660	.480	.220	.108	.064		
812 2B4	1310					3.220	1.610	.850	.440	.240	.111	.064		
812 2B4	1640					3.640	1.850	.880	.590	.300	.176	.125		
812 2B4	2030					3.620	1.870	.780	.440	.200	.124	.094		
812 2B5	120					3.790	2.420	1.220	.640	.400	.039	.032		
812 2B5	500					4.270	2.290	1.020	.790	.280	.100	.056		
812 2B5	1000					8.160	3.700	1.520	.910	.370	.197	.102		
812 2B5	1520					3.680	1.690	.870	.490	.170	.074	.051		
812 2B5	1956					4.410	1.710	.980	.620	.240	.124	.085		
822 2B6	103					8.690	2.420	1.340	.730	.310	.124	.102		
822 2B6	1555					9.590	2.080	.880	.420	.170	.088	.072		
822 291	14					8.480	3.880	1.480	.840	.350	.147	.128		
822 291	515					8.720	3.140	1.390	.730	.240	.124	.093		
822 291	1005					8.750	3.040	1.610	.820	.320	.197	.072		
822 291	1520					4.270	3.480	1.320	.690	.240	.088	.072		
822 291	2026					3.770	1.760	.790	.420	.120	.056	.039		
822 292	101					3.850	1.980	.840	.260	.080	.056	.044		
822 292	605					2.760	1.530	.930	.150	.090	.029	.053		
822 292	1109					2.580	.980	.520	.170	.100	.074	.064		
822 292	1610					2.140	.850	.310	.190	.080	.068	.064		
832 292	2226					1.810	.880	.350	.210	.100	.071	.070		
832 293	330					1.970	1.100	.540	.280	.110	.068	.044		
832 293	756					1.790	.970	.440	.240	.090	.039	.032		
832 293	1254					1.940	.820	.370	.210	.080	.042	.032		
832 293	1758					2.860	.970	.420	.210	.090	.072	.051		
832 296	2045					9.450	2.980	1.180	.840	.330	.188	.072		
832 297	156					9.800	3.240	1.630	.970	.370	.124	.051		
832 297	645					9.800	2.860	1.590	.870	.370	.139	.051		
832 297	1141					9.850	2.740	1.390	.770	.290	.124	.051		
832 297	1640					9.120	2.580	1.110	.770	.260	.139	.089		
832 297	2145					4.150	1.690	.920	.570	2.590	.124	.079		
832 298	243					3.680	1.640	.890	.590	.260	.088	.056		
832 298	745					3.170	1.480	.790	.430	.220	.096	.045		
832 298	1241					4.150	1.690	.920	.570	.260	.124	.079		
832 298	1739					2.760	1.530	.940	.420	.170	.079	.072		
912 3H2	1800					23.300	10.400	5.740	1.580	.370	.197	.161		
912 3H3	101					19.700	8.200	3.130	1.180	.420	.176	.161		
912 3H3	600					12.300	5.780	2.480	.880	.290	.088	.072		
912 3H3	1100					10.100	4.700	2.670	.970	.310	.088	.072		
912 3H3	1500					10.600	5.780	2.830	.890	.290	.088	.051		
924 3H3	2200					10.500	4.970	1.810	.770	.240	.176	.161		
922 3H4	200					11.900	5.960	2.720	.770	.370	.304	.250		
922 3H4	657					11.500	5.300	1.940	.690	.330	.197	.144		
924 3H4	1238					6.230	3.120	1.490	.690	.220	.088	.072		
922 3H4	1700					6.500	3.140	1.650	.640	.190	.124	.102		
922 3H4	2200					7.300	3.240	1.980	.520	.200	.124	.125		
922 3H5	200					9.340	3.100	1.330	.540	.260	.124	.102		
922 3H5	700					10.300	4.090	1.480	.610	.220	.088	.102		
922 3H5	1200					8.640	4.090	1.440	.880	.320	.139	.114		
922 3H5	1700					8.340	3.940	1.690	.690	.220	.176	.125		
922 3H5	2200					9.810	4.710	1.060	.390	.190	.124	.072		
922 3H6	200					7.200	2.980	1.360	.490	.210	.088	.072		
922 3H6	700					12.000	5.340	2.280	.990	.410	.139	.102		
922 3H6	1215					6.588	3.220	1.880	.730	.260	.088	.051		
924 3H6	1705					8.448	4.030	2.300	.940	.330	.147	.072		
922 3H6	2700					19.940	8.200	4.400	1.440	.530	.233	.190		
834 2H6	2845					6.180	2.950	2.070	.770	.450	.124	.102		
834 2H7	150					6.500	3.410	2.000	.940	.440	.152	.072		
834 2H7	645					5.098	2.658	1.880	.950	.418	.124	.051		
834 2H7	1141					5.268	2.808	1.520	.680	.330	.124	.051		
834 2H7	1640					4.878	2.718	1.640	.770	.350	.176	.102		
834 2H7	2145					3.440	1.810	1.170	.560	.230	.110	.076		
834 2H8	243					4.128	1.940	1.130	.600	.270	.096	.064		
834 2H8	745					3.348	1.760	.960	.498	.260	.092	.046		
834 2H8	1241					3.298	1.610	.980	.440	.200	.056	.039		
834 2H8	1739					3.078	1.690	1.130	.500	.170	.068	.072		
914 3H3	101					17.790	9.550	4.330	1.580	.410	.152	.102		
914 3H3	600					11.768	6.188	2.980	.970	.370	.124	.184		
914 3H3	1100					13.888	9.410	3.260	1.130	.330	.067	.072		
914 3H3	1500					12.918	5.748	2.620	.940	.260	.088	.023		
924 3H3	2200					12.188	5.748	2.620	.940	.260	.111	.072		
924 3H4	200					10.188	5.480	2.680	.880	.470	.340	.278		
924 3H4	657					9.208	3.428	1.580	.660	.260	.192	.125		
924 3H4	1238					6.908	2.788	1.490	.620	.260	.124	.051		
924 3H4	1738					9.058	3.378	1.980	.850	.290	.233	.143		
924 3H4	2218					8.788	3.988	1.890	.540	.240	.192	.125		
924 3H5	200					8.348	3.428	1.790	.660	.310	.084	.072		
924 3H5	700					8.348	3.828	2.044	.948	.260	.124	.125		
924 3H5	1200					7.298	3.618	1.940	.940	.370	.197	.125		
924 3H5	1700					7.858	3.868	2.068	.980	.370	.197	.144		
924 3H5	2200					5.828	1.938	1.138	.488	.200	.152	.072		
924 3H6	200					5.648	2.848	1.210	.560	.260	.088	.072		
924 3H6	700					10.288	4.198	2.668	.998	.460	.124	.102		
924 3H6	1215					6.508	3.348	1.990	.840	.420	.192	.125		
924 3H6	2228					14.258	7.588	4.170	2.188	.760	.303	.262		
924 3H7	1200					8.068	3.088	2.040	1.278	.410	.176	.162		
924 3H7	1718					9.858	3.988	2.068	1.278	.440	.197	.162		
934 3H7	2048					6.938	3.428	1.678	.820	.240	.176	.144		
934 3H8	313					6.918	3.218	1.710	.750	.240	.176	.144		
934 3H8	908					7.088	3.228	1.350	.520	.170	.088	.072		
934 3I1	1000					5.958	2.888	1.140	.490	.200	.088	.072		
934 3I1	2000					6.188	2.818	1.180	.540	.170	.068	.072		
934 3I2	10					6.188	1.878	.720	.380	.220	.198	.088		
934 3I2	505					2.918	1.368	.780	.420	.170	.062	.032		
934 3I2	1000					3.568	1.588	1.090	.360	.170	.062	.051		
934 3I2	1515					4.078	2.088	1.278	.490	.240	.124	.102		
934 3I2	2000					3.028	1.638	.920	.350	.130	.068	.064		
934 3I3	110					5.958	2.728	1.180	.580	.270	.092	.045		
934 3I3	610					5.918	2.168	1.298	.340	.120	.062	.051		
934 3I3	1110					3.088	1.988	.918	.340	.120	.030	.072		
934 3I3	1610					3.098	1.988	1.028	.488	.170	.088	.068		
934 3I3	2110					3.588	1.928	1.018	.640	.240	.152	.125		
934 3I4						3.448	2.068	1.018	.738	.228	.088	.072		
934 3I4	500					6.548	3.778	2.728	.868	.268	.176	.125		
934 3I4	1000					8.208	4.758	1.698	.778	.310	.920	.102		
934 3I4	1520					9.758	3.888	1.938	.888	.340	.888	.072		

NOISE AMPLITUDES

Station Extension Channel	Day	Hour	Band Center Freq. CPS	.25	.4	.571	.728	.89	1.11	1.43	1.82	2.22	2.96	4.0
			Band Center Period Sec.	4.0	2.5	1.75	1.375	1.125	.9	.7	.55	.45	.35	.25
823 2A4	480					2.440	1.120	.840	.440	.230	.079	.076		
823 2A6	1108					3.120	1.490	.900	.580	.270	.068	.046		
823 2A6	1555					2.720	1.230	.690	.480	.170	.062	.048		
823 289	2018					3.900	1.988	.840	.490	.240	.108	.072		
823 290	110					4.080	2.120	1.270	.720	.260	.124	.128		
823 290	650					3.180	1.970	.930	.440	.200	.084	.056		
823 290	1110					4.650	2.128	1.480	.840	.360	.124	.064		
823 290	1610					4.100	2.398	1.450	.740	.310	.124	.064		
823 291	14					5.780	2.980	1.410	.840	.350	.192	.125		
823 291	515					6.040	2.780	1.510	.930	.410	.124	.039		
823 291	1005					4.780	2.480	1.528	.990	.260	.088	.072		
823 291	1520					4.410	3.360	1.840	.878	.330	.896	.072		
823 291	2026					2.298	1.388	1.000	.630	.190	.079	.051		
823 292	101					2.880	1.320	.750	.360	.100	.068	.079		
823 292	605					2.160	1.030	.968	.290	.068	.028	.032		
823 292	1109					1.828	.650	.348	.200	.080	.068	.068		
823 292	1610					1.490	.658	.340	.200	.110	.062	.051		
833 292	2226					1.910	.458	.260	.160	.070	.035	.030		
833 293	330					1.230	.560	.290	.110	.060	.022	.020		
833 293	756					1.226	.468	.280	.120	.050	.010	.012		
833 293	1254					1.170	.458	.230	.090	.060	.012	.012		
833 293	1758					1.380	.488	.270	.120	.070	.028	.022		
833 296	2045					3.340	1.360	.720	.440	.140	.054	.049		
833 297	150					3.660	1.750	.900	.520	.190	.084	.051		
833 297	645					3.688	1.940	.828	.478	.170	.096	.032		
833 297	1141					3.220	1.168	.850	.460	.130	.056	.023		
833 297	1640					2.910	1.438	.840	.428	.130	.048	.032		
833 297	2145					2.988	.928	.588	.320	.110	.048	.039		
833 298	243					2.680	1.178	.668	.298	.120	.048	.032		
833 298	745					2.218	.768	.478	.248	.110	.028	.023		
833 298	1241					2.448	.968	.508	.238	.110	.039	.023		
833 298	1739					2.898	.788	.448	.228	.080	.028	.023		
913 3G2	1800					22.898	10.000	4.188	1.948	.780	.284	.278		
913 3G3	101					18.348	7.488	3.288	1.228	.388	.176	.144		
913 3G3	600					11.588	5.988	2.848	.978	.378	.124	.072		
913 3G3	1100					14.588	4.928	2.728	.868	.268	.088	.104		
913 3G3	1500					13.268	5.628	2.388	.818	.268	.128	.072		
923 3G3	2200					15.788	3.668	1.508	.778	.268	.197	.144		
923 3G4	200					14.258	6.058	2.378	.848	.538	.303	.322		
923 3G4	657					11.558	2.498	1.398	.718	.268	.197	.144		
923 3G4	1238					6.188	2.988	1.328	.498	.288	.088	.051		
923 3G4	1738					6.828	2.838	1.618	.498	.248	.124	.102		
923 3G4	2238					6.258	3.118	1.248	.648	.248	.124	.125		
923 3G5	200					6.378	3.928	1.198	.698	.248	.088	.102		
923 3G5	700					8.828	3.188	1.948	.898	.338	.124	.102		
923 3G5	1200					8.878	3.698	2.008	.718	.378	.152	.102		
923 3G5	1700					7.528	2.428	1.348	.918	.318	.176	.144		
923 3G5	2200					6.818	2.498	1.138	.498	.298	.124	.072		
923 3G6	200					7.768	3.248	1.618	.848	.288	.168	.072		
923 3G6	700					13.478	3.998	3.128	1.098	.378	.152	.102		
923 3G6	1215					9.288	4.098	2.068	.988	.338	.084	.064		
923 3G6	1705					9.288	4.098	2.548	.728	.298	.139	.064		
923 3G6	2200					28.488	8.968	4.498	1.968	.748	.276	.227		
923 3G7	1200					23.568	9.758	3.428	1.798	.598	.197	.161		
924 3G7	1718					12.988	5.088	2.998	1.228	.378	.264	.144		
933 3I0	2048					11.388	3.698	1.718	.488	.268	.176	.144		
933 3I1						10.088	3.468	1.298	.688	.288	.192	.125		
933 3I1	500					8.748	2.488	1.488	.628	.248	.088	.072		
933 3I1	1000					7.498	3.098	1.688	.748	.278	.124	.072		
933 3I1	2000					7.138	2.588	1.278	.348	.208	.088	.102		
933 3I2	10					9.958	2.888	1.628	.428	.248	.192	.125		
933 3I2	505					4.498	1.948	.988	.448	.178	.197	.051		
933 3I2	1000					4.918	2.278	1.298	.678	.228	.152	.072		
933 3I2	1515					7.148	4.098	1.898	.698	.298	.124	.102		
933 3I3	1110					10.088	5.748	1.938	.698	.288	.124	.102		
934 3I3	1610					10.588	4.488	2.188	.998	.298	.192	.144		
923 3H4	2240					14.088	3.888	1.588	.688	.318	.152	.125		
923 3H4	200					12.088	4.148	2.688	.848	.418	.276	.227		
923 3H4	657					6.248	2.288	1.598	.978	.248	.088	.072		
923 3H4	1200					6.788	2.498	1.398	.648	.198	.062	.072		
923 3H4	1708					9.758	2.958	1.928	.528	.288	.132	.114		
923 3H4	2208					7.118	3.298	1.488	.978	.248	.124	.102		
923 3H5	200					16.388	3.758	1.438	.548	.248	.088	.072		
923 3H5	700					10.958	4.458	2.008	.648	.298	.124	.102		
923 3H5	1200					9.888	3.818	1.798	.698	.378	.197	.125		
923 3H5	1708					8.078	3.428	1.778	.978	.268	.197	.144		
923 3H5	2208					8.748	3.428	2.028	.748	.268	.152	.072		
923 3H6	200					9.488	1.878	1.338	.868	.268	.088	.072		
923 3H6	708					13.088	5.028	2.178	1.098	.468	.124	.162		
923 3H6	1215					6.958	3.068	1.908	.778	2.698	.062	.051		
923 3H6	1715					6.958	4.758	1.778	.698	.328	.139	.102		
923 3H6	2228					16.188	6.178	3.698	1.848	.698	.297	.172		
923 3H7	1208					12.388	5.888	3.188	1.248	.488	.165	.187		
923 3H7	1718					11.988	5.098	2.548	1.448	.498	.218	.139		
933 3I0	2048					8.748	3.948	1.988	.748	.348	.178	.144		
933 3I1						9.828	3.738	1.908	.698	.288	.152	.125		
933 3I1	500					7.888	3.068	1.828	.928	.178	.088	.072		
933 3I1	1000					7.088	2.308	1.118	.498	.288	.088	.072		
933 3I1	2000					5.298	1.828	1.198	.488	.178	.088	.102		
933 3I2	10					4.988	2.228	.998	.548	.228	.102	.102		
933 3I2	505					4.318	17.188	.958	.448	.248	.062	.051		
933 3I2	1515					4.418	2.308	1.488	.648	.328	.139	.114		
933 3I2	2007					3.888	2.328	1.048	.648	.228	.136	.079		
933 3I3	110					7.238	3.488	2.188	.848	.328	.062	.051		
933 3I3	610					4.588	3.168	1.258	.548	.288	.088	.051		
933 3I3	1110					6.178	2.838	1.148	.548	.498	.088	.072		
933 3I3	1610					6.198	3.388	1.698	.948	.248	.128	.102		
933 3I3	2110					6.178	4.258	2.248	.898	.248	.128	.125		
933 3I4						5.448	3.728	1.958	.978	.198	.128	.072		
933 3I4	500					11.488	7.958	2.788	.778	.258	.192	.125		
933 3I4	1000					7.348	3.088	1.788	.758	.288	.896	.107		
933 3I4	1520					5.988	1.878	.878	.478	.188	.078	.064		

CALIFORNIA MASTER STATION
Channel 2

NOISE AMPLITUDES

Station Extension Channel	Day	Hour	Band Center Freq. CPS	.25	.4	.571	.728	.89	1.11	1.43	1.82	2.22	2.96	4.0
			Band Center Period Sec.	4.0	2.5	1.75	1.375	1.125	.9	.7	.55	.45	.35	.25
088 108 561						1.088	.858	.675	.272	.112	.056	.045		
088 108 748						1.970	.928	.520	.290	.091	.048	.039		
088 108 1100						2.340	1.980	.681	.210	.069	.048	.039		
088 108 1340						2.330	.930	.519	.237	.085	.048	.032		
088 108 1518						2.360	.980	.540	.210	.079	.048	.032		
088 108 1700						2.310	.870	.556	.263	.099	.062	.051		
088 108 2256						2.250	.990	.738	.317	.134	.098	.093		
088 110 136						2.330	.990	.681	.267	.112	.062	.060		
088 110 720						1.950	.990	.650	.181	.075	.044	.060		
088 111 405						1.720	.950	.241	.143	.065	.028	.093		
088 111 750						1.200	.830	.289	.122	.075	.034	.023		
088 111 950						1.420	.920	.241	.122	.045	.028	.028		
088 111 1200						1.420	.930	.254	.181	.093	.034	.028		
088 111 1350						1.270	.980	.311	.122	.037	.028	.023		
088 111 1602						1.450	.950	.278	.198	.053	.028	.023		
088 111 1927						1.480	.980	.299	.172	.065	.048	.039		
088 111 2019						1.420	.980	.311	.143	.065	.048	.032		
088 111 2338						1.450	.920	.311	.139	.089	.048	.032		
088 115 107						1.500	.980	.289	.122	.065	.039	.023		
088 115 355						1.500	.780	.358	.163	.065	.028	.023		
088 115 510						1.500	.700	.425	.196	.079	.048	.032		
088 115 730						1.540	.720	.341	.163	.093	.034	.023		
088 115 900						1.740	.960	.394	.143	.053	.028	.028		
088 115 1110						1.480	.950	.311	.144	.065	.028	.032		
088 115 1326						1.390	.930	.350	.172	.065	.034	.028		
088 115 1520						1.470	.980	.417	.194	.065	.034	.032		
088 115 1715						1.480	.900	.278	.122	.065	.044	.032		
088 115 1900						1.390	.820	.350	.054	.075	.056	.036		
088 116 326						1.230	.970	.359	.194	.079	.028	.023		
088 116 525						1.390	.900	.417	.224	.065	.034	.028		
088 116 725						1.590	.740	.377	.198	.083	.034	.026		
088 116 940						1.590	.820	.377	.198	.083	.048	.032		
088 116 1115						1.390	.710	.389	.198	.075	.034	.028		
088 116 1330						1.290	.990	.331	.159	.081	.039	.028		
088 116 1525						1.160	.780	.311	.194	.065	.028	.023		
088 116 1737						1.340	.960	.359	.172	.075	.039	.032		
088 116 1910						1.240	.830	.377	.196	.099	.048	.039		
088 117 2157						.990	.670	.596	.077	.037	.034	.028		
088 118 111						1.090	.838	.180	.108	.037	.034	.023		
088 118 536						1.200	.498	.205	.094	.026	.028	.023		
088 118 1025						1.270	.930	.241	.142	.037	.028	.023		
088 118 1228						.920	.770	.189	.077	.045	.034	.032		
088 118 1515						.870	.660	.180	.094	.037	.028	.045		
088 118 1637						1.070	.810	.247	.077	.045	.034	.032		
088 118 1825						1.160	.810	.213	.085	.037	.034	.032		
088 118 2037						.940	.670	.180	.077	.045	.034	.028		
088 118 2250						1.090	.890	.180	.094	.045	.034	.028		
088 122 251						1.490	.980	.289	.139	.065	.039	.032		
088 122 754						1.360	.930	.311	.144	.059	.034	.023		
088 122 1236						1.350	.970	.331	.196	.129	.092	.076		
088 122 1645						1.470	.780	.350	.191	.093	.028	.023		
088 122 1852						1.370	.810	.494	.172	.065	.034	.028		
088 123 226						1.230	.990	.311	.188	.024	.028	.016		
088 123 739						1.590	.780	.278	.085	.026	.028	.007		
088 123 1435						1.420	.950	.359	.163	.037	.028	.016		
088 124 358						1.810	.730	.181	.083	.037	.028	.016		
088 124 758						1.870	.870	.498	.181	.093	.028	.023		
088 124 1244						1.800	.840	.394	.198	.093	.039	.093		
088 124 1553						1.858	.750	.414	.207	.059	.028	.026		
088 137 948						.710	.270	.139	.842	.030	.010	.013		
088 138 954						.790	.380	.161	.086	.027	.022	.013		
088 138 1231						.810	.340	.139	.086	.031	.028	.023		
088 138 1641						.740	.330	.161	.085	.037	.034	.032		
088 138 2208						.580	.220	.130	.086	.034	.034	.028		
088 139 218						.640	.260	.139	.094	.033	.028	.032		
088 139 438						.640	.300	.113	.045	.031	.026	.010		
088 139 1148						.580	.260	.100	.045	.024	.023	.010		
088 139 1629						.790	.320	.189	.077	.037	.034	.028		
088 139 2131						.790	.380	.143	.094	.059	.044	.032		
088 140 238						.790	.380	.289	.049	.039	.039	.032		
088 140 735						.920	.320	.192	.077	.035	.028	.16		
088 142 2133						3.420	1.970	.842	.944	.289	.176	.116		
088 143 252						3.770	1.930	.827	.440	.191	.115	.076		
088 143 858						3.430	1.790	.995	.391	.158	.094	.060		
088 143 1157						3.440	1.940	.780	.392	.149	.100	.082		
088 143 1931						.440	.220	.126	.077	.053	.034	.023		
088 144 101						1.180	.460	.272	.149	.059	.034	.032		
088 144 350						1.810	.940	.337	.144	.093	.034	.028		
088 144 1021						1.159	.938	.316	.149	.053	.028	.028		
088 144 1422						1.130	.960	.316	.159	.045	.028	.022		
088 144 1949						1.070	.920	.321	.194	.059	.039	.032		
088 145 447						2.170	.830	.480	.277	.091	.062	.042		
088 145 948						2.080	.860	.442	.243	.079	.048	.045		
088 145 1404						1.770	.820	.494	.203	.075	.056	.039		
088 145 1829						2.160	.910	.480	.292	.091	.074	.045		
088 145 2217						1.760	.830	.447	.181	.091	.062	.051		
088 146 321						1.930	.770	.394	.216	.089	.044	.023		
088 146 828						.920	.360	.198	.806	.026	.028	.014		
088 146 1317						.920	.410	.126	.894	.026	.028	.014		
088 146 1821						.840	.330	.180	.877	.037	.028	.026		
088 146 2328						.870	.380	.197	.894	.037	.028	.023		
088 147 420						1.490	.880	.229	.122	.045	.028	.023		
088 152 189						.870	.290	.108	.885	.035	.026	.022		
088 152 2248						.840	.340	.108	.885	.037	.028	.023		
088 153 244						.850	.480	.130	.996	.037	.028	.020		
088 164 1823						.840	.330	.130	.894	.037	.028	.023		
088 164 609						1.060	.440	.174	.871	.037	.023	.025		
088 164 1157						1.180	.490	.271	.187	.033	.028	.016		
088 164 1949						.950	.350	.278	.188	.041	.028	.025		
088 165 629						1.880	.870	.263	.188	.037	.028	.019		
088 165 1128						.910	.320	.197	.884	.026	.022	.010		
088 165 1659						.980	.440	.197	.149	.059	.028	.037		
088 166 946						.760	.290	.139	.049	.031	.026	.010		
088 166 1849						.770	.310	.108	.059	.041	.033	.035		
088 166 2407						.840	.330	.172	.884	.047	.028	.026		
088 174 2250						.840	.310	.187	.885	.047	.032	.031		
088 174 351						.760	.480	.144	.863	.041	.038	.022		
088 174 858						.760	.350	.158	.863	.039	.035	.026		
088 174 1348						.810	.320	.154	.873	.041	.038	.023		
088 174 1819						.680	.340	.146	.873	.041	.043	.035		
088 174 238						.650	.330	.127	.885	.026	.028	.023		
088 174 414						.650	.270	.118	.885	.026	.028	.022		
088 174 556						.680	.290	.158	.894	.032	.028	.023		
088 174 927						.680	.270	.187	.894	.026	.035	.020		
088 174 1018						.720	.360	.189	.894	.037	.028	.023		
088 174 1248						.620	.260	.166	.859	.028	.028	.016		
088 174 1448						.788	.420	.130	.894	.026	.028	.023		
088 174 1605						.660	.340	.113	.894	.037	.028	.020		
088 174 418						.858	.330	.193	.896	.056	.044	.031		
088 178 758						.940	.480	.227	.196	.037	.030	.019		
088 178 959						.900	.390	.216	.898	.033	.024	.022		
088 178 1749						.940	.480	.223	.126	.041	.039	.028		
088 178 1957						.870	.420	.220	.894	.037	.033	.028		
088 174 709						.960	.520	.206	.138	.065	.058	.036		
088 174 717						1.630	.460	.197	.196	.041	.028	.016		
088 178 1701						.800	.490	.227	.149	.094	.028	.016		
088 178 1944						.900	.380	.224	.162	.094	.028	.023		

NOISE AMPLITUDES

Station Extension Channel	Day	Hour	Band Center Freq. CPS	.25	.4	.571	.728	.89	1.11	1.43	1.82	2.22	2.96	4.0
			Band Center Period Sec.	4.0	2.5	1.75	1.375	1.125	.9	.7	.55	.45	.35	.25
088 179 1646						.870	.480	.249	.142	.065	.049	.033		
088 180 300						1.130	.940	.297	.163	.079	.053	.023		
088 180 642						1.140	.480	.295	.191	.074	.046	.025		
088 180 756						1.140	.480	.259	.138	.045	.028	.019		
088 180 1300						.980	.490	.248	.122	.047	.028	.012		
088 180 1842						1.810	.470	.292	.149	.053	.038	.023		
088 181 256						1.230	.588	.341	.179	.061	.028	.022		
088 181 802						1.180	.450	.301	.122	.043	.029	.014		
088 181 1300						.980	.480	.272	.115	.064	.028	.016		
088 181 1847						.980	.440	.244	.101	.039	.028	.022		
088 187 53						.889	.398	.234	.113	.048	.033	.020		
088 187 945						.840	.380	.260	.108	.047	.028	.023		
088 187 1026						.980	.380	.296	.119	.059	.023	.013		
088 187 1444						.998	.440	.265	.115	.039	.028	.014		
088 187 1926						.890	.380	.192	.088	.037	.022	.022		
088 188 14						.890	.440	.286	.146	.055	.041	.031		
088 188 520						1.050	.498	.284	.142	.051	.034	.023		
088 188 1300						.880	.520	.244	.117	.033	.025	.014		
088 188 1443						1.040	.490	.227	.089	.043	.033	.020		
088 188 2044						.908	.358	.208	.113	.059	.034	.025		
088 194 520						.840	.358	.181	.088	.024	.023	.019		
088 194 1128						.820	.380	.140	.122	.028	.022	.016		
088 194 1540						.710	.380	.114	.073	.026	.026	.029		
088 194 2014						.780	.350	.189	.086	.046	.034	.028		
088 195 600						1.040	.430	.197	.094	.030	.024	.014		
088 195 1109						.770	.280	.171	.077	.026	.025	.016		
088 197 1758						.790	.260	.141	.082	.028	.028	.014		
088 198 1915						.870	.350	.180	.077	.037	.034	.023		
088 199 42						.770	.430	.183	.067	.031	.028	.020		
088 199 547						.840	.300	.139	.046	.020	.028	.012		
088 199 1958						.850	.309	.127	.068	.030	.023	.020		
088 199 1922						.530	.280	.157	.094	.029	.028	.023		
088 200 448						1.440	.600	.278	.114	.037	.025	.014		
088 200 2204						.960	.430	.205	.108	.053	.044	.036		
088 201 253						1.110	.530	.282	.108	.059	.044	.036		
088 201 801						.870	.430	.197	.094	.045	.034	.023		
088 201 1258						.870	.440	.197	.085	.037	.028	.023		
088 201 2150						.850	.390	.294	.143	.065	.039	.032		
088 202 748						.948	.430	.286	.134	.059	.039	.028		
088 202 1220						.944	.410	.282	.143	.065	.026	.019		
088 204 1744						.970	.440	.213	.115	.049	.028	.014		
088 205 2159						.850	.410	.268	.148	.053	.034	.023		
088 206 753						.970	.510	.295	.142	.065	.048	.039		
088 206 1717						1.080	.390	.197	.094	.047	.034	.023		
088 206 1702						1.050	.340	.127	.094	.026	.034	.070		
088 206 2311						1.030	.450	.226	.077	.033	.034	.070		
088 207 417						.850	.350	.139	.085	.045	.048	.078		
088 207 834						1.150	.500	.267	.108	.075	.056	.036		
088 207 1257						1.330	.588	.254	.094	.053	.048	.023		
088 207 1628						.980	.428	.220	.089	.037	.039	.023		
088 207 2053						1.098	.388	.220	.094	.045	.039	.026		
088 208 18						.968	.480	.289	.101	.045	.034	.026		
088 208 459						1.070	.458	.228	.101	.045	.028	.070		
088 208 938						.870	.430	.295	.094	.037	.034	.028		
088 208 1428						.970	.440	.284	.094	.037	.034	.028		
088 208 2321						.960	.410	.244	.108	.053	.039	.070		
088 209 325						1.110	.480	.283	.133	.079	.039	.028		
088 209 838						1.130	.560	.260	.148	.087	.039	.032		
088 209 1301						1.810	.920	.289	.181	.045	.034	.070		
088 209 1845						.980	.490	.254	.188	.045	.034	.093		
213 2						.970	.488	.213	.108	.053	.039	.093		
088 214 520						.870	.480	.272	.139	.059	.028	.020		
088 213 1020						.968	.520	.206	.101	.045	.028	.023		
088 213 1919						.998	.440	.213	.108	.053	.034	.093		
088 249 110						.900	.320	.196	.077	.037	.022	.014		
088 249 436						1.440	.530	.301	.167	.059	.048	.024		
088 249 1108						1.020	.480	.256	.115	.041	.031	.016		
088 249 1525						1.878	.480	.220	.148	.049	.042	.076		
088 249 1947						.870	.488	.192	.094	.033	.028	.070		
088 249 2356						.810	.340	.149	.098	.024	.018	.070		
250 500						1.010	.458	.213	.122	.053	.025	.070		
088 250 1008						.986	.478	.237	.125	.053	.020	.016		
088 250 1558						1.138	.520	.290	.144	.041	.028	.093		
088 250 2215						.830	.388	.184	.098	.041	.029	.022		
088 251 380						.870	.430	.217	.108	.037	.028	.016		
088 251 800						1.130	.510	.297	.148	.041	.022	.016		
088 251 1311						1.230	.530	.276	.128	.045	.020	.025		
088 251 1745						1.138	.438	.272	.108	.041	.024	.024		
088 254 2353						1.440	.698	.373	.243	.137	.076	.037		
088 255 457						1.240	.910	.234	.108	.037	.028	.016		
088 255 1808						1.890	.488	.241	.894	.037	.028	.012		
088 255 1958						1.110	.430	.218	.885	.041	.028	.019		
088 256 40						1.330	.588	.213	.139	.045	.034	.028		
088 256 955						1.338	.688	.295	.146	.045	.028	.020		
088 256 1508						1.360	.930	.293	.142	.045	.034	.014		
088 257 218						1.740	.698	.313	.243	.079	.039	.014		
088 257 731						1.740	.698	.364	.275	.179	.168	.079		
088 257 1208						3.140	.488	.475	.241	.129	.096	.072		
088 257 1708						1.760	.740	.364	.255	.154	.096	.072		
088 257 2220						1.890	.998	.384	.328	.192	.110	.064		
088 258 308						1.877	.758	.418	.218	.094	.058	.044		
088 261 1908						1.470	.948	.311	.149	.056	.034	.023		
088 261 2347						1.420	.988	.359	.192	.065	.039	.026		
088 262 508						1.418	.988	.301	.199	.059	.028	.023		
088 262 1018						1.340	.988	.331	.172	.059	.034	.074		
088 262 1456						1.388	.988	.292	.168	.053	.034	.073		
088 262 1949						1.388	.888	.323	.143	.053	.039	.093		
088 263 7						1.488	.678	.336	.144	.065	.042	.039		
088 263 548						1.440	.988	.289	.894	.037	.028	.018		
088 263 1808						1.228	.938	.295	.882	.033	.025	.070		
088 263 1958						1.818	.998	.227	.140	.079	.059	.038		
088 263 2037						.948	.388	.209	.119	.035	.036	.023		
088 264 31						1.838	.910	.176	.885	.033	.025	.093		
088 264 1048						.958	.828	.227	.894	.041	.034	.016		
088 264 1562						.800	.340	.139	.890	.033	.025	.020		
088 264 1954						1.898	.488	.254	.115	.073	.048	.051		
088 265 111						1.338	.988	.291	.186	.053	.048	.037		
088 265 1102						1.178	.448	.227	.188	.065	.028	.014		
088 265 1458						1.268	.488	.228	.894	.058	.048	.044		
088 265 1958						1.188	.938	.394	.172	.087	.059	.047		
088 266 1918						.988	.379	.288	.181	.065	.038	.041		
088 267 45						1.228	.488	.274	.146	.061	.028	.091		
088 268 459						1.198	.488	.274	.111	.041	.028	.022		
088 269 1008						1.018	.390	.274	.896	.031	.026	.022		
088 269 1502						1.140	.388	.216	.884	.041	.037	.032		
088 269 1918						1.118	.388	.233	.884	.041	.038	.079		
088 269 2217						1.338	.988	.294	.185	.861	.048	.045		
088 270 313						1.288	.988	.227	.181	.955	.044	.039		
088 270 808						1.328	.988	.302	.126	.875	.892	.036		
088 270 1308						1.138	.948	.259	.181	.844	.037	.039		
088 270 1707						1.578	.948	.240	.135	.878	.057	.044		
088 270 2208						1.328	.920	.192	.894	.049	.844	.036		
088 271 131						.870	.418	.138	.057	.031	.025	.023		
088 271 603						1.868	.888	.197	.073	.037	.026	.078		
088 271 1108						1.188	.438	.241	.824	.853	.038	.036		
088 271 2103						1.328	.988	.292	.814	.858	.037	.041		
088 270 2215						.898	.488	.182	.885	.833	.039	.028		
088 279 381						.948	.428	.181	.877	.835	.039	.028		

CALIFORNIA MASTER STATION
Channel 2

NOISE AMPLITUDES

Station Extension Channel	Day	Hour	Band Center Freq. CPS	.25	.4	.571	.728	.89	1.11	1.43	1.82	2.22	2.96	4.0
			Band Center Period Sec.	4.0	2.5	1.75	1.375	1.125	.9	.7	.55	.45	.35	.25
000 279		824				1.070	.530	.190	.089	.033	.038	.076		
000 279		1295				.620	.270	.105	.064	.029	.025	.019		
000 279		1647				1.160	.570	.140	.075	.041	.026	.029		
000 280		2008				.740	.260	.113	.067	.029	.023	.020		
000 291		9				.690	.388	.197	.083	.033	.025	.022		
000 291		508				.898	.328	.107	.063	.024	.018	.018		
000 291		1008				.668	.298	.139	.077	.026	.020	.020		
000 291		1518				.648	.310	.106	.065	.029	.024	.020		
000 291		2108				.688	.310	.169	.091	.035	.026	.026		
000 292		38				.648	.370	.118	.070	.035	.026	.026		
000 292		455				.828	.360	.176	.100	.045	.051	.049		
000 292		1059				.888	.278	.080	.149	.026	.020	.020		
000 293						.648	.398	.109	.063	.031	.025	.023		
000 293		500				.718	.468	.108	.052	.029	.022	.019		
000 293		1010				.710	.420	.113	.047	.031	.020	.018		
000 293		1510				.738	.378	.113	.042	.020	.024	.023		
000 296		2010				.968	.460	.228	.104	.048	.034	.030		
000 297						1.548	.638	.341	.192	.034	.025	.072		
000 297		500				1.638	.918	.422	.253	.049	.037	.186		
000 297		1000				3.488	1.078	.811	.498	.312	.251	.213		
000 297		1920				.688	.248	.139	.077	.026	.020	.016		
000 298		35				.618	.320	.113	.063	.024	.018	.016		
000 298		500				.628	.280	.113	.054	.026	.020	.016		
000 298		1008				.650	.220	.127	.045	.019	.016	.014		
000 298		1550				.648	.220	.125	.049	.024	.022	.019		
000 301		1905				1.658	.860	.495	.267	.075	.028	.023		
000 302		5				1.698	.820	.468	.267	.065	.028	.039		
000 302		500				1.748	.880	.448	.263	.106	.079	.064		
000 302		1105				2.148	.980	.394	.298	.075	.056	.039		
000 302		1445				1.848	.758	.418	.188	.037	.028	.023		
000 303		2008				1.378	.488	.243	.148	.072	.053	.045		
000 304		45				1.298	.458	.238	.073	.037	.028	.023		
000 304		500				2.938	1.078	.485	.267	.106	.056	.045		
000 304		1008				.876	.420	.176	.097	.033	.025	.025		
000 304		1500				1.286	.488	.263	.077	.031	.029	.022		
000 305						1.138	.438	.188	.085	.037	.028	.023		
000 305		505				.928	.308	.147	.098	.024	.022	.014		
000 305		1005				.988	.410	.150	.085	.037	.020	.016		
000 305		1548				.928	.458	.254	.094	.037	.024	.023		
000 305		1910				1.288	.458	.188	.108	.053	.030	.034		
000 306		35				1.168	.458	.275	.158	.067	.043	.039		
000 306		500				1.918	.768	.373	.181	.099	.064	.076		
000 306		1008				2.168	1.068	.758	.403	.168	.092	.088		
000 306		1538				1.388	.598	.410	.194	.106	.062	.056		
000 306		1915				.688	.390	.170	.077	.031	.026	.016		
000 307		125				.638	.248	.127	.065	.019	.014	.016		
000 307		509				.638	.278	.167	.085	.026	.014	.016		
000 307		1010				.768	.198	.120	.059	.019	.020	.016		
000 307		1525				.548	.278	.113	.059	.032	.024	.020		
000 310		2008				1.158	.478	.260	.133	.070	.052	.045		
000 311						.988	.498	.234	.120	.059	.048	.045		
000 311		500				.848	.398	.173	.090	.054	.039	.034		
000 311		1018				.788	.348	.161	.085	.048	.034	.036		
000 311		1508				.768	.420	.150	.085	.049	.036	.036		
000 311		1908				1.098	.438	.181	.077	.037	.028	.032		
000 312		10				.978	.300	.098	.108	.075	.056	.056		
000 312		510				.498	.188	.227	.108	.053	.038	.051		
000 312		1008				.928	.288	.072	.034	.017	.015	.014		
000 312		1930				.478	.188	.081	.034	.017	.015	.012		
000 312		2004				.688	.248	.118	.054	.029	.018	.023		
000 313		30				1.048	.388	.135	.056	.031	.038	.032		
000 313		500				.458	.198	.099	.042	.017	.015	.014		
000 313		1000				.588	.218	.108	.042	.020	.018	.018		
000 313		1500				.618	.268	.098	.042	.020	.018	.014		
000 313		2000				.998	.328	.144	.094	.037	.001	.029		
000 314		115				.928	.348	.139	.071	.026	.024	.026		
000 314		459				.918	.388	.144	.085	.026	.028	.023		
000 314		1100				.898	.368	.144	.085	.026	.018	.020		
000 314		1649				1.270	.418	.205	.082	.037	.039	.032		

NOISE AMPLITUDES

Station Extension Channel	Day	Hour	Band Center Freq. CPS	.25	.4	.571	.728	.89	1.11	1.43	1.82	2.22	2.96	4.0
			Band Center Period Sec.	4.0	2.5	1.75	1.375	1.125	.9	.7	.55	.45	.35	.25

PACIFIC NORTHWEST SLAVE STATIONS

NOISE AMPLITUDES

Station Extension Channel	Day	Hour	Band Center Freq. CPS	.25	.4	.571	.728	.89	1.11	1.43	1.82	2.22	2.96	4.0
			Band Center Period Sec.	4.0	2.5	1.75	1.375	1.125	.9	.7	.55	.45	.35	.25
122	334	100		43.793	8.628	2.914	.880	.429	.129	.039	.028	.022	.023	.011
122	334	100		43.793	8.628	2.914	.880	.429	.129	.039	.028	.022	.023	.011
122	334	500		55.320	10.530	2.962	.864	.371	.129	.039	.028	.022	.016	.011
122	334	1000		58.196	12.586	4.384	1.331	.479	.142	.039	.028	.022	.016	.011
122	334	1500		59.581	13.497	4.384	1.621	.664	.259	.088	.040	.022	.016	.011
122	334	2000		43.793	13.614	3.842	1.310	.507	.192	.055	.063	.032	.023	.011
122	335	20		48.400	9.667	2.914	.911	.345	.153	.055	.028	.022	.016	.011
122	335	500		31.294	11.257	2.111	.762	.332	.224	.162	.143	.095	.060	.043
122	335	1000		28.567	9.334	2.503	.848	.287	.100	.039	.020	.016	.011	.008
122	335	1500		28.567	8.418	1.750	.576	.214	.082	.055	.028	.022	.016	.008
122	337	2100		27.844	8.443	2.691	1.025	.345	.123	.055	.034	.027	.020	.014
122	338	210		36.695	9.830	2.866	.744	.235	.100	.048	.034	.027	.020	.014
122	338	705		38.855	9.502	2.330	.832	.262	.100	.048	.034	.022	.016	.011
122	338	1202		48.648	11.116	2.639	.644	.371	.091	.048	.028	.022	.016	.011
122	338	1654		48.648	10.900	2.842	1.261	.418	.183	.061	.059	.048	.053	.023
212	342	200		41.398	7.552	2.639	.848	.383	.100	.055	.040	.039	.032	.020
212	342	700		37.791	8.356	2.044	1.052	.287	.116	.039	.028	.032	.028	.011
212	342	1200		39.377	8.894	2.380	1.005	.271	.091	.039	.028	.035	.028	.011
212	342	1713		84.503	14.071	4.570	1.551	.691	.058	.048	.034	.045	.150	.057
212	342	2224		27.844	5.034	2.111	.896	.214	.082	.068	.063	.079	.075	.034
212	344	1500		39.377	9.749	3.420	1.025	.418	.142	.088	.056	.039	.039	.023
212	344	2000		29.961	8.900	2.639	.744	.235	.116	.055	.048	.032	.039	.023
212	345	500		12.776	3.083	.914	.440	.117	.041	.025	.018	.016	.025	.014
212	345	1000		13.848	2.978	.783	.349	.113	.058	.025	.023	.024	.030	.011
212	345	1425		14.088	2.952	.792	.311	.100	.048	.028	.020	.016	.018	.010
222	345	2005		13.551	3.330	1.022	.440	.136	.058	.039	.034	.032	.032	.024
222	346			12.776	2.870	.783	.401	.155	.075	.039	.040	.055	.040	.029
222	346	540		9.034	1.990	.678	.298	.132	.045	.028	.018	.022	.016	.020
222	346	1000		7.823	1.592	.624	.288	.100	.029	.018	.009	.012	.011	.008
222	346	1525		7.558	1.780	.646	.288	.080	.032	.018	.015	.024	.028	.014
222	347	130		28.200	4.450	1.809	.588	.214	.116	.109	.044	.035	.051	.028
222	347	500		22.564	5.629	3.300	.744	.235	.100	.055	.040	.043	.036	.044
222	347	1005		24.740	7.656	2.767	.956	.303	.129	.048	.034	.042	.036	.026
222	347	1500		34.987	8.980	2.890	1.222	.271	.129	.048	.034	.039	.036	.016
222	348			41.888	8.900	3.008	1.421	.371	.129	.068	.048	.050	.062	.026
222	348	520		40.400	7.758	2.691	.998	.525	.142	.055	.028	.039	.039	.026
222	348	1000		30.635	9.990	3.824	1.091	.303	.100	.039	.028	.032	.028	.011
222	348	1515		48.648	8.720	2.842	.911	.271	.082	.055	.048	.050	.051	.023
222	349	5		45.169	8.988	2.842	1.025	.332	.116	.068	.048	.094	.056	.049
222	349	500		50.500	7.446	2.418	.941	.287	.082	.039	.074	.039	.048	.026
232	350	10		57.134	8.293	1.866	.832	.214	.058	.039	.028	.112	.036	.026
232	350	500		38.855	8.900	2.767	.744	.262	.116	.039	.048	.032	.080	.011
232	350	1005		59.581	11.807	3.480	1.341	.621	.322	.196	.140	.151	.091	.051
232	350	1500		72.832	15.920	4.570	1.663	.567	.259	.136	.140	.112	.088	.036
232	351			68.502	15.311	4.793	1.460	.636	.231	.157	.112	.100	.064	.034
232	351	500		55.320	13.280	3.914	1.288	.542	.082	.055	.048	.032	.036	.036
232	351	910		127.750	32.088	9.148	4.241	2.535	2.441	1.839	1.154	.979	.507	.314
232	351	2010		90.337	17.799	6.675	3.112	9.485	1.755	1.240	1.084	.717	.445	.256
232	352	15		62.201	10.886	5.103	2.200	.924	.484	.417	.234	.188	.108	.065
232	352	500		67.903	12.897	4.105	1.588	.704	.657	.467	.308	.264	.182	.088
232	352	1020		45.169	11.807	2.950	.832	.303	.129	.068	.056	.050	.044	.018
232	352	1500		48.197	8.988	2.475	.855	.214	.086	.061	.040	.043	.030	.018
232	352	2120		66.384	11.940	3.420	1.341	.643	.327	.349	.217	.244	.227	.109
232	353	10		71.418	12.586	3.731	1.052	.479	.104	.136	.028	.061	.044	.008
232	353	500		64.514	11.940	3.420	1.065	.371	.153	.039	.028	.050	.016	.011
232	353	1010		76.119	9.910	3.077	.984	.332	.116	.039	.028	.045	.032	.023
232	353	1500		66.998	11.535	2.208	.911	.303	.116	.039	.028	.045	.032	.028
242	354			58.893	9.667	3.624	1.569	.487	.174	.118	.084	.071	.051	.032
242	354	500		49.480	14.892	5.597	2.783	1.603	1.509	1.807	.777	.541	.348	.177
242	354	1000		55.320	10.900	3.520	1.012	.429	.142	.068	.040	.045	.032	.020
242	354	1600		45.169	11.257	3.338	.798	.371	.153	.088	.056	.045	.051	.023
242	355			52.266	11.116	3.787	1.660	1.045	.629	.457	.324	.262	.209	.102
242	355	1000		181.888	18.239	6.463	2.976	1.793	1.019	.859	.524	.405	.287	.135
242	355	1500		59.236	10.650	4.415	1.310	.516	.217	.147	.108	.127	.119	.056
124	334	100		43.324	8.988	2.503	.911	.487	.142	.039	.028	.022	.023	.011
124	334	500		45.169	9.249	2.890	.725	.359	.116	.039	.028	.022	.016	.011
124	334	1000		53.825	9.749	4.080	1.199	.575	.174	.055	.028	.022	.016	.011
124	334	1500		49.480	11.257	3.540	1.341	.525	.183	.078	.040	.022	.016	.011
124	334	2000		52.675	13.407	3.656	1.351	.550	.183	.068	.048	.039	.032	.011
124	335	20		45.618	11.804	3.232	1.052	.479	.174	.078	.056	.045	.036	.016
124	335	500		33.192	10.900	2.558	1.052	.525	.417	.309	.220	.145	.170	.049
124	335	1000		38.635	9.749	2.270	.815	.318	.129	.068	.040	.032	.023	.016
124	335	1500		31.939	8.293	1.975	.665	.287	.100	.055	.040	.032	.016	.011
124	337	2100		25.551	8.396	2.066	.977	.371	.142	.068	.048	.039	.045	.011
124	338	210		40.902	10.530	2.962	.706	.254	.116	.055	.040	.032	.020	.028
124	338	705		37.247	9.163	2.017	.941	.395	.153	.066	.028	.022	.016	.011
124	338	1202		49.066	11.257	2.017	.780	.407	.153	.068	.048	.039	.056	.011
124	338	1654		52.946	11.116	2.691	1.052	.542	.224	.111	.074	.059	.079	.078
214	342	200		34.987	6.548	2.239	.832	.345	.091	.048	.028	.022	.023	.018
214	342	700		33.192	5.348	1.669	.904	.294	.091	.039	.028	.016	.016	.011
214	342	1200		31.939	5.768	2.208	.888	.214	.082	.039	.028	.022	.016	.016
214	342	1713		40.488	7.968	2.348	.888	.345	.136	.107	.084	.084	.064	.051
214	342	2224		26.338	4.874	2.111	.815	.235	.116	.068	.059	.074	.045	.026
214	344	1500		32.572	7.960	2.842	.832	.303	.082	.055	.040	.022	.016	.028
214	344	2000		25.551	7.552	2.348	.576	.136	.082	.055	.028	.072	.018	.073
214	345	500		11.779	2.678	.746	.293	.086	.037	.021	.013	.016	.019	.016
214	345	1000		12.120	2.470	.698	.333	.105	.045	.025	.018	.020	.021	.018
214	345	1425		12.452	2.517	.646	.268	.096	.041	.018	.013	.010	.018	.018
224	345	2005		14.284	3.184	.914	.349	.113	.052	.039	.029	.027	.025	.032
224	346			17.959	3.712	1.869	.407	.206	.114	.077	.059	.044	.042	.034
224	346	540		7.283	1.780	.566	.241	.091	.032	.018	.014	.014	.023	.019
224	346	1000		6.388	1.541	.598	.241	.080	.026	.015	.009	.018	.018	.011
224	346	1525		6.700	1.541	.613	.273	.086	.032	.021	.015	.016	.012	.014
224	347	130		17.494	4.789	1.669	.552	.235	.100	.073	.028	.022	.032	.027
224	347	500		22.564	5.486	1.975	.744	.214	.091	.039	.034	.027	.041	.057
224	347	1005		26.338	8.894	2.767	.798	.254	.100	.048	.028	.022	.028	.036
224	347	1500		42.372	8.988	2.792	1.152	.303	.116	.055	.048	.022	.023	.073
224	348			34.987	8.894	2.348	1.078	.371	.100	.048	.048	.032	.028	.028
224	348	520		27.844	8.036	2.044	.832	.345	.100	.028	.028	.022	.028	.032
224	348	1000		24.748	7.592	2.989	.911	.303	.098	.039	.028	.016	.016	.018
224	348	1515		48.648	8.988	2.639	1.078	.303	.058	.039	.028	.045	.045	.043
224	349	5		41.398	8.443	2.531	1.039	.303	.108	.055	.048	.045	.048	.044
224	349	500		40.400	8.349	2.639	.832	.303	.082	.039	.028	.032	.032	.032
234	350	10		54.577	8.293	1.866	.888	.214	.058	.039	.029	.072	.011	.008
234	350	500		28.567	7.758	2.418	.552	.192	.058	.028	.028	.016	.028	.008
234	350	1005		45.169	8.988	2.418	.864	.303	.174	.114	.078	.055	.032	.028
234	351			59.581	10.147	3.637	1.021	.567	.205	.088	.063	.058	.032	.026
234	351	500		88.888	21.088	7.178	1.968	.678	.183	.088	.109	.112	.088	.102
234	351	910		127.750	28.143	11.194	4.785	3.176	2.922	1.881	1.084	.848	.359	.198
234	351	2010		110.640	21.709	8.344	4.049	3.308	2.508	1.061	1.327	.991	.393	.198
234	352	15		57.134	15.414	4.570	2.083	1.174	.605	.477	.288	.159	.088	.036
234	352	500		55.320	10.538	3.731	2.169	1.355	.943	.656	.013	.318	.143	.063
234	352	1020		34.987	11.257	2.767	.744	.303	.116	.055	.048	.032	.023	.016
234	352	1500		37.791	9.249	2.958	.768	.294	.082	.039	.028	.022	.016	.011
234	352	2120		78.844	13.497	4.888	1.013	1.885	.675	.438	.294	.229	.168	.107
234	353	10		54.958	11.940	3.077	.911	.303	.116	.028	.028	.016	.011	.008
234	353	500		57.498	11.084	3.358	.956	.359	.129	.055	.028	.016	.011	.008
234	353	1010		78.596	9.988	2.639	.888	.303	.082	.028	.028	.016	.032	.016
234	353	1500		56.853	11.257	2.144	.832	.294	.116	.055	.048	.032	.016	.011
244	354			94.958	9.886	3.149	1.481	.359	.142	.096	.084	.067	.044	.041
244	354	500		97.134	14.802	5.144	3.248	2.143	1.172	.761	.396	.318	.134	.072
244	354	1000		49.169	9.789	3.106	1.070	.359	.142	.088	.048	.039	.023	.018
244	354	1600		48.400	11.940	3.077	.888	.318	.116	.088	.048	.032	.023	.018
244	355			39.117	7.707	3.338	1.118	.688	.439	.203	.147	.148	.088	.097
244	355	1000		90.337	19.414	9.948	2.398	1.888	.078	.982	.394	.284	.134	.096

NOISE AMPLITUDES

Station Extension Channel	Day	Hour	Band Center Freq. CPS	.25	.4	.571	.728	.89	1.11	1.43	1.82	2.22	2.96	4.0
			Band Center Period Sec.	4.0	2.5	1.75	1.375	1.125	.9	.7	.55	.45	.35	.25
123	334	500		40.400	10.379	2.503	.956	.587	.164	.055	.040	.045	.023	.016
123	334	1000		51.500	13.787	5.028	1.663	.690	.164	.068	.028	.022	.016	.011
123	334	1500		56.853	13.958	5.277	1.933	.841	.271	.088	.056	.039	.023	.016
123	334	2000		40.400	15.155	4.589	1.713	.897	.317	.088	.093	.084	.036	.020
123	335	20		21.186	8.479	2.044	1.005	.345	.153	.078	.040	.042	.023	.014
123	335	500		20.200	7.960	1.798	.919	.529	.292	.217	.145	.123	.051	.038
123	335	1000		18.067	8.036	1.866	.706	.294	.100	.039	.020	.022	.011	.008
123	335	1500		18.067	3.669	1.445	.526	.192	.082	.048	.020	.016	.011	.008
123	337	2100		22.128	8.719	2.208	.622	.271	.100	.043	.031	.022	.023	.008
123	338	210		23.901	8.540	1.963	.627	.214	.100	.039	.028	.022	.016	.011
123	338	705		24.740	8.293	1.396	.593	.235	.100	.039	.027	.019	.034	.008
123	338	1202		30.635	7.656	2.140	.622	.359	.104	.110	.056	.045	.046	.011
123	338	1654		37.520	7.393	2.134	.951	.352	.136	.055	.040	.027	.016	.011
213	342	200		28.967	8.166	2.078	.898	.332	.108	.039	.028	.022	.025	.014
213	342	700		28.567	5.413	1.750	.984	.282	.082	.039	.028	.022	.020	.011
213	342	1200		28.567	8.036	1.939	.880	.214	.091	.055	.028	.027	.028	.016
213	342	1713		39.892	7.446	2.208	.911	.303	.129	.088	.071	.065	.062	.040
213	342	2224		28.200	3.980	1.539	.744	.214	.100	.062	.056	.045	.042	.026
213	344	1500		30.435	7.339	2.767	.896	.429	.100	.064	.040	.022	.048	.016
213	344	2000		21.106	8.884	2.531	.686	.214	.100	.039	.028	.022	.056	.020
213	345	500		9.034	2.517	.834	.302	.113	.032	.021	.040	.010	.015	.017
213	345	1000		11.084	2.548	.676	.311	.105	.055	.025	.018	.020	.027	.008
213	345	1425		10.496	2.355	.696	.307	.091	.045	.025	.013	.014	.010	.011
223	345	2005		9.888	2.321	.718	.263	.113	.055	.037	.027	.020	.018	.021
223	346			10.300	2.321	.646	.333	.113	.045	.030	.036	.036	.031	.023
223	346	540		6.388	1.541	.646	.174	.093	.048	.028	.015	.016	.014	.014
223	346	1000		6.060	1.259	.528	.268	.071	.026	.018	.013	.010	.007	.006
223	346	1525		5.344	1.435	.581	.229	.083	.032	.018	.014	.016	.011	.009
223	347	130		17.140	4.874	1.583	.715	.235	.108	.066	.034	.022	.031	.034
223	347	500		20.200	5.486	2.044	.644	.254	.100	.055	.034	.027	.028	.036
223	347	1005		24.740	7.656	2.767	.956	.303	.129	.048	.034	.042	.036	.026
223	347	1500		33.801	8.349	2.792	1.288	.359	.116	.055	.028	.022	.016	.028
223	348			32.572	6.894	2.639	1.288	.359	.142	.078	.054	.045	.039	.040
223	348	520		32.572	8.894	2.360	1.012	.383	.116	.055	.028	.032	.028	.026
223	348	1000		24.740	8.720	3.274	1.267	.371	.129	.088	.054	.045	.032	.023
223	348	1515		56.702	9.990	3.338	1.176	.345	.108	.039	.048	.045	.042	.036
223	349	5		34.987	8.157	2.176	.898	.359	.100	.088	.048	.050	.032	.032
223	349	500		33.192	8.894	2.078	.798	.359	.100	.039	.028	.027	.023	.020
233	350	10		39.892	5.629	1.866	.815	.166	.058	.028	.028	.016	.011	.008
233	350	500		31.994	7.552	2.475	.786	.235	.082	.028	.020	.016	.011	.011
233	350	1005		54.577	11.327	3.731	1.450	.650	.322	.186	.131	.108	.070	.044
233	350	1500		35.506	7.393	2.479	.970	.401	.174	.111	.068	.051	.032	.018
233	351			54.577	10.679	3.480	1.551	.686	.158	.088	.040	.050	.028	.024
233	351	500		75.501	20.681	7.463	2.357	.742	.183	.088	.089	.087	.072	.063
233	351	910		118.440	29.516	10.628	3.719	2.347	1.830	1.414	.796	.630	.340	.229
233	351	2010		85.701	18.668	4.720	2.467	1.321	1.007	.701	.568	.355	.215	.125
233	352	15		68.680	17.348	5.467	2.293	.742	.409	.291	.205	.159	.095	.063
233	352	500		58.893	14.623	4.330	1.392	.479	.409	.232	.129	.108	.062	.044
233	352	1020		36.495	11.604	3.317	.815	.303	.149	.086	.063	.050	.036	.026
233	352	1500		41.888	10.869	2.817	.941	.254	.082	.055	.028	.022	.016	.011
233	352	2120		58.893	9.334	2.890	1.176	.559	.332	.175	.108	.181	.095	.099
233	353	10		63.238	11.807	3.232	1.110	.371	.104	.066	.028	.032	.023	.018
233	353	500		68.680	13.200	3.878	1.458	.606	.103	.078	.040	.022	.016	.008
233	353	1010		69.389	9.998	3.731	1.118	.332	.129	.055	.028	.022	.018	.020
233	353	1500		64.514	11.680	3.100	1.116	.371	.142	.055	.048	.032	.023	.016
243	354			42.891	8.443	3.232	1.392	.429	.153	.104	.069	.050	.030	.030
243	354	500		45.169	13.787	5.277	2.410	1.767	.317	.084	.981	.203	.158	.081
243	354	1000		43.793	11.739	3.731	.984	.895	.116	.078	.048	.039	.028	.023
243	354	1600		33.801	10.379	3.008	.780	.383	.129	.078	.048	.030	.023	.028
243	355			47.373	10.530	3.888	1.968	1.092	.393	.392	.290	.230	.113	.049
243	355	1000		75.501	16.880	6.463	2.232	1.741	1.845	.920	.531	.284	.178	.114
125	334	100		34.987	7.960	2.389	.832	.371	.129	.039	.028	.022	.016	.011
125	334	500		39.892	9.749	2.792	.911	.371	.142	.039	.028	.022	.016	.011
125	334	1000		43.324	9.667	3.878	1.091	.383	.116	.039	.028	.022	.016	.011
125	334	1500		49.866	10.753	3.731	1.256	.525	.104	.068	.048	.032	.016	.011
125	334	2000		34.987	11.940	3.731	1.052	.525	.103	.078	.048	.055	.016	.011
125	335	20		57.134	11.116	3.232	.888	.880	.231	.078	.048	.045	.032	.016
125	335	500		34.967	11.257	2.585	.941	.395	.142	.078	.040	.050	.023	.011
125	335	1000		28.567	10.753	2.475	.970	.332	.116	.055	.028	.072	.018	.011
125	335	1500		30.635	8.894	2.044	.865	.271	.116	.048	.028	.016	.011	.008
125	337	2100		26.338	7.446	3.097	.911	.342	.129	.068	.048	.032	.023	.016
125	338	210		36.695	10.447	3.097	1.091	.271	.100	.055	.028	.032	.016	.011
125	338	705		42.372	11.327	2.742	.848	.359	.129	.055	.028	.032	.018	.011
125	338	1202		52.068	11.072	3.448	.941	.418	.142	.068	.028	.022	.016	.011
215	342	200		22.128	4.388	1.493	.622	.332	.108	.048	.034	.026	.028	.011
215	342	700		22.128	3.776	1.371	.744	.225	.138	.046	.028	.072	.028	.011
215	342	1200		22.128	3.988	1.445	.622	.108	.082	.039	.028	.022	.028	.011
215	342	1713		54.282	9.749	2.898	.978	.559	.174	.138	.181	.125	.103	.089
215	342	2224		28.208	3.988	1.718	.793	.108	.082	.055	.052	.071	.052	.071
215	344	1500		25.551	8.036	2.388	.832	.383	.129	.078	.048	.039	.028	.028
215	344	2000		13.551	3.988	1.469	.424	.108	.108	.062	.044	.061	.032	.023
215	345	500		6.997	1.824	.553	.223	.096	.041	.028	.018	.017	.025	.017
215	345	1000		11.684	2.055	.698	.328	.113	.058	.033	.023	.025	.031	.011
215	345	1425		11.247	2.355	.698	.311	.113	.055	.038	.018	.019	.018	.010
225	345	2005		15.978	3.447	1.804	.479	.151	.069	.044	.033	.027	.025	.031
225	346			14.844	3.134	.959	.443	.177	.066	.045	.051	.050	.038	.032
225	346	540		9.034	1.969	.566	.239	.096	.041	.025	.018	.017	.016	.022
225	346	1000		9.034	1.824	.743	.278	.096	.026	.018	.013	.010	.007	.016
225	346	1525		8.865	1.824	.826	.379	.096	.047	.018	.013	.018	.012	.016
225	347	130		22.128	5.265	2.380	.715	.383	.116	.062	.044	.035	.030	.040
225	347	500		26.338	8.293	2.176	.744	.383	.116	.062	.048	.032	.039	.063
225	347	1005		27.181	9.248	2.098	.788	.271	.116	.039	.028	.022	.023	.028
225	347	1500		48.488	8.988	3.218	1.152	.345	.142	.055	.028	.022	.023	.032
225	348			50.702	9.998	3.188	1.469	.429	.129	.068	.063	.050	.036	.057
225	348	520		38.855	8.157	3.122	1.148	.395	.153	.055	.048	.039	.032	.041
225	348	1000		38.635	12.267	4.415	1.188	.371	.108	.055	.028	.022	.018	.028
225	348	1515		66.996	12.508	4.172	1.208	.429	.129	.088	.056	.059	.042	.056
225	349	5		45.169	8.349	3.172	.911	.295	.149	.088	.063	.055	.042	.038
225	349	500		30.135	7.446	2.639	1.170	.235	.082	.039	.028	.039	.023	.038
235	350	10		63.878	7.128	2.348	.911	.214	.058	.039	.048	.032	.011	.008
235	350	500		45.169	11.739	2.639	1.238	.371	.129	.068	.048	.039	.051	.018
235	350	1005		51.568	12.267	3.731	1.012	.479	.224	.124	.089	.095	.042	.026
235	350	1500		53.444	11.535	3.338	1.249	.591	.204	.192	.112	.098	.051	.028
235	351			84.503	10.650	5.888	2.071	.773	.209	.124	.089	.071	.030	.036
235	351	500		117.798	28.143	8.344	3.158	1.138	.259	.175	.089	.198	.088	.072
235	351	910		102.858	37.758	9.513	5.268	3.249	1.887	1.289	.792	.355	.227	.214
235	351	2010		88.888	15.928	7.918	4.988	2.875	2.595	1.519	1.884	.848	.445	.229
235	352	15		62.913	14.569	5.535	2.323	1.398	.748	.591	.373	.261	.113	.057
235	352	500		88.688	13.288	4.255	1.822	1.545	1.819	.734	.574	.337	.152	.072
235	352	1020		48.488	10.988	3.232	.832	.262	.091	.012	.009	.007	.005	.004
235	352	1500		38.592	9.958	2.639	.832	.383	.129	.062	.044	.042	.018	.011
235	352	2120		69.883	11.948	2.898	1.885	.383	.153	.078	.181	.183	.068	.043
235	353	10		63.878	12.267	3.731	1.118	.429	.104	.111	.048	.058	.011	.008
235	353	500		88.938	10.538	3.731	1.152	.371	.104	.078	.048	.032	.023	.011
235	353	1010		57.134	7.968	2.178	.888	.214	.098	.012	.009	.022	.005	.008
235	353	1500		88.488	10.382	2.388	.926	.471	.174	.078	.056	.045	.028	.016
245	354			47.373	9.749	3.878	1.441	.495	.147	.088	.063	.058	.028	.018
245	354	500		93.444	16.288	8.244	4.888	2.886	1.848	1.118	.678	.428	.188	.081
245	354	1000		49.488	12.986	3.769	1.183	.389	.108	.088	.048	.038	.018	.008
245	354	1600		48.091	11.488	3.218	.819	.442	.148	.088	.048	.082	.018	.011
245	355			47.373	18.548	2.787	1.441	1.828	.578	.382	.198	.198	.088	.038
245	355	1000		98.998	19.887	5.898	2.977	1.174	.978	.484	.177	.183	.072	.044

PACIFIC NORTHWEST SLAVE STATIONS

NOISE AMPLITUDES

Station Extension Channel	Day	Hour	Band Center Freq. CPS	.25	.4	.571	.728	.89	1.11	1.43	1.82	2.22	2.96	4.0
			Band Center Period Sec.	4.0	2.5	1.75	1.375	1.125	.9	.7	.55	.45	.35	.25
242	355	2000		46.863	19.087	5.597	1.968	.525	.224	.152	.099	.071	.062	.031
242	356			82.053	19.968	5.277	1.860	.606	.205	.124	.089	.107	.113	.063
242	356	500		57.134	13.320	3.731	1.441	.455	.183	.139	.089	.100	.139	.063
242	356	1000		59.410	11.044	3.274	1.267	.479	.184	.068	.048	.055	.048	.028
242	356	1500		65.455	13.288	3.122	1.176	.507	.129	.055	.040	.050	.036	.030
242	356	2000		68.799	13.787	4.037	1.621	.525	.174	.118	.056	.067	.072	.026
242	356	2200		63.878	14.350	4.720	1.784	1.092	.766	.595	.424	.337	.259	.125
242	357			56.416	15.260	3.440	1.288	.460	.224	.136	.074	.087	.106	.048
242	357	500		82.053	14.128	3.338	1.478	.395	.153	.078	.056	.045	.050	.016
242	357	1000		66.996	14.184	3.914	.998	.383	.129	.068	.040	.032	.036	.016
242	357	1500		49.898	12.459	3.054	1.211	.371	.153	.088	.040	.055	.042	.023
312	9	2		20.567	8.293	1.770	.622	.244	.217	.139	.110	.082	.084	.036
312	9	515		29.961	8.418	1.770	.686	.395	.205	.206	.108	.079	.080	.036
312	9	1135		28.567	8.418	2.044	1.128	.650	.524	.309	.206	.152	.152	.054
312	9	1515		72.832	14.071	3.448	1.234	.830	.579	.372	.258	.174	.227	.081
312	10	15		24.740	6.894	3.054	1.116	.841	.629	.417	.273	.207	.208	.083
312	10	505		30.635	7.120	1.903	.956	.684	.409	.386	.276	.151	.156	.047
312	10	1105		34.987	7.656	2.044	1.372	1.101	.665	.511	.319	.207	.179	.102
312	10	1600		32.572	6.540	2.239	.880	.429	.252	.245	.194	.119	.143	.085
322	10	2025		35.278	9.894	2.144	.762	.389	.242	.248	.188	.105	.091	.044
322	11	5		34.987	7.339	1.903	.725	.303	.174	.152	.194	.105	.048	.030
322	11	500		27.844	6.859	1.866	.798	.418	.220	.157	.145	.111	.094	.039
322	11	1010		32.572	6.230	2.009	.762	.371	.188	.191	.136	.069	.052	.036
322	11	1500		29.961	7.339	1.975	.911	.374	.174	.192	.140	.100	.060	.058
322	11	2045		18.067	3.330	.987	.333	.136	.082	.192	.168	.129	.068	.046
322	12	15		18.841	4.368	1.265	.526	.179	.091	.152	.090	.084	.054	.038
322	12	500		21.186	4.538	1.221	.470	.166	.048	.100	.082	.042	.016	.028
322	12	1000		24.740	6.668	1.493	.478	.096	.018	.121	.048	.035	.016	.008
322	12	1500		27.475	5.768	1.770	.633	.184	.052	.133	.097	.065	.011	.010
322	15	2004		37.791	8.900	3.054	.998	.429	.224	.225	.097	.084	.056	.034
322	16	110		37.791	11.116	3.077	.832	.303	.231	.162	.112	.090	.064	.038
322	16	600		34.987	9.418	2.380	.744	.214	.142	.152	.089	.059	.028	.016
322	16	1040		33.192	8.443	2.484	.798	.279	.108	.141	.107	.078	.032	.020
322	16	1600		31.618	7.120	1.992	.715	.254	.209	.194	.119	.074	.036	.021
322	16	1956		29.273	7.339	1.975	.815	.279	.153	.157	.089	.064	.032	.018
322	17	45		36.135	6.668	2.360	.665	.318	.129	.192	.112	.084	.075	.043
322	17	620		45.169	7.339	2.239	.815	.303	.183	.166	.131	.078	.056	.020
322	17	1040		31.294	7.552	2.475	.941	.429	.246	.342	.312	.273	.072	.048
332	17	2200		40.400	6.349	2.239	.760	.383	.217	.277	.153	.100	.056	.036
332	18	240		50.298	8.157	2.176	.998	.332	.217	.222	.131	.084	.064	.046
332	18	500		47.373	9.544	2.433	.911	.455	.289	.277	.283	.198	.088	.061
332	18	1559		14.284	3.560	1.119	.526	.371	.174	.184	.143	.093	.048	.034
332	18	2040		28.567	7.960	3.338	2.352	1.545	1.157	1.037	.788	.577	.384	.240
332	19			34.987	6.418	2.176	1.152	.636	.491	.364	.253	.159	.000	.000
332	19	500		33.801	5.903	2.111	.780	.271	.217	.272	.213	.119	.008	.000
332	22	1938		17.140	4.641	1.396	.446	.218	.090	.061	.040	.078	.022	.016
332	23	121		22.494	4.641	1.548	.446	.171	.090	.070	.040	.053	.056	.026
332	23	551		14.844	4.489	1.282	.456	.151	.068	.071	.048	.064	.056	.041
332	23	940		14.284	4.174	1.238	.440	.151	.108	.124	.148	.078	.068	.040
332	23	1445		26.798	5.685	1.436	.759	.389	.210	.140	.103	.078	.000	.000
342	24	2059		32.067	6.951	2.660	.925	.352	.165	.141	.089	.073	.042	.029
342	25	100		23.815	5.712	2.380	.678	.235	.114	.096	.048	.042	.025	.014
342	25	604		29.025	6.894	2.523	.744	.269	.113	.078	.041	.030	.022	.022
342	25	1324		27.844	7.960	2.997	.848	.371	.235	.276	.320	.123	.053	.040
342	25	1750		28.051	9.119	2.233	.987	.383	.167	.163	.104	.081	.057	.050
342	25	2228		48.400	13.787	6.517	3.865	3.249	2.050	1.519	1.073	.779	.489	.379
342	26	305		41.299	7.868	3.122	1.348	.643	.411	.319	.209	.147	.106	.091
342	26	800		32.572	7.088	2.583	.644	.345	.205	.283	.337	.152	.039	.026
342	26	1300		33.801	9.418	2.742	.815	.383	.278	.309	.487	.205	.077	.038
342	26	1801		35.278	8.253	2.321	.759	.318	.198	.141	.163	.072	.033	.021
342	29	1850		34.987	7.308	2.176	.721	.209	.195	.189	.198	.108	.052	.031
342	29	2355		37.192	6.268	1.754	.661	.216	.218	.148	.231	.112	.045	.038
342	30	502		37.791	6.552	1.964	.659	.269	.168	.233	.219	.181	.046	.028
342	30	1000		34.399	5.768	1.669	.880	.287	.317	.469	.478	.201	.068	.038
342	30	1500		33.801	5.384	1.381	.595	.283	.180	.220	.185	.083	.036	.020
342	30	2100		29.273	5.143	1.486	.574	.235	.123	.170	.186	.097	.035	.021
244	355	1500		40.400	11.672	3.731	.984	.371	.104	.096	.069	.078	.056	.044
244	355	2000		40.088	17.799	4.578	1.704	.525	.183	.107	.063	.041	.044	.031
244	356			66.996	17.799	5.144	1.534	.479	.158	.107	.077	.071	.051	.051
244	356	500		49.480	11.604	3.731	1.315	.491	.158	.114	.082	.079	.057	.057
244	356	1000		50.298	9.749	3.031	.926	.487	.142	.078	.048	.039	.036	.026
244	356	1500		51.895	10.679	3.379	1.152	.479	.142	.096	.048	.039	.032	.023
244	356	2000		68.502	14.045	4.631	1.478	.418	.120	.078	.056	.045	.036	.026
244	356	2200		74.767	16.886	5.701	2.733	1.515	.798	.555	.340	.256	.152	.092
244	357			45.169	10.302	3.166	1.078	.567	.224	.141	.074	.087	.036	.030
244	357	500		81.303	17.119	4.832	1.534	.479	.153	.088	.054	.045	.032	.026
244	357	1000		54.282	10.900	3.108	1.288	.371	.116	.055	.040	.032	.023	.016
244	357	1500		40.640	9.749	2.817	.888	.332	.153	.055	.040	.032	.023	.020
314	9	2		25.551	6.036	1.583	.622	.235	.142	.114	.074	.071	.049	.058
314	9	515		28.967	6.036	1.798	.665	.287	.259	.175	.074	.059	.042	.063
314	9	1135		27.475	5.413	1.889	.984	.643	.388	.222	.140	.094	.065	.063
314	9	1515		26.330	5.340	1.119	.499	.318	.103	.184	.069	.049	.028	.026
314	10	15		20.208	7.446	2.098	1.469	1.092	.680	.360	.217	.213	.227	.049
314	10	105		29.961	6.540	2.111	.896	.686	.308	.333	.208	.110	.108	.089
314	10	1105		30.300	6.479	1.910	.644	.383	.289	.213	.117	.059	.032	.018
314	10	1600		25.551	4.074	1.828	.688	.345	.217	.200	.120	.071	.039	.074
324	10	2025		28.288	6.036	1.758	.669	.355	.174	.188	.119	.064	.079	.028
324	11	5		26.722	5.657	1.502	.588	.244	.142	.116	.148	.079	.045	.023
324	11	500		28.200	5.112	1.371	.588	.235	.158	.136	.095	.207	.071	.024
324	11	1010		24.740	4.074	1.455	.622	.202	.138	.175	.128	.053	.065	.021
324	11	1500		22.584	5.629	1.445	.676	.248	.183	.147	.087	.058	.062	.048
324	11	2045		17.725	3.776	1.249	.526	.235	.111	.187	.148	.114	.086	.044
324	12	15		16.288	4.878	1.081	.424	.125	.086	.124	.084	.076	.092	.029
324	12	500		21.089	4.174	1.276	.434	.125	.048	.089	.078	.051	.022	.011
324	12	1000		23.032	5.760	1.371	.424	.117	.018	.111	.063	.055	.013	.004
324	12	1500		23.478	4.907	1.028	.507	.136	.075	.107	.084	.094	.010	.008
324	15	2004		34.987	8.293	3.210	1.192	.479	.224	.196	.105	.067	.050	.032
324	16	110		29.273	10.225	2.962	.762	.287	.153	.138	.084	.044	.060	.034
324	16	600		36.135	8.720	2.176	.669	.214	.142	.147	.084	.059	.023	.016
324	16	1040		32.297	7.068	2.410	.788	.279	.108	.152	.084	.095	.032	.018
324	16	1600		27.181	7.604	2.044	.941	.371	.174	.217	.122	.047	.030	.021
324	16	1956		27.181	6.293	1.750	.888	.254	.129	.144	.074	.099	.023	.014
324	17	45		24.740	5.348	1.046	.526	.214	.116	.141	.084	.095	.051	.020
324	17	620		37.791	6.166	2.078	.706	.271	.129	.157	.112	.064	.053	.020
324	17	1040		28.567	6.894	2.111	.819	.359	.217	.337	.256	.142	.088	.036
334	17	2200		46.284	9.958	2.838	.911	.371	.242	.291	.153	.188	.067	.031
334	18	240		68.688	10.538	3.338	1.411	.449	.217	.272	.143	.098	.064	.048
334	18	500		49.480	10.069	2.691	1.078	.587	.204	.272	.260	.196	.096	.046
334	18	1559		14.284	3.776	1.188	.644	.468	.231	.288	.161	.084	.036	.020
334	18	2040		11.064	3.776	1.066	1.341	.784	.988	.328	.288	.117	.078	.020
334	19			45.169	9.838	2.995	1.382	.930	.596	.394	.198	.146	.088	.088
334	19	500		39.117	7.446	2.767	1.019	.481	.338	.362	.198	.281	.008	.000
334	22	1938		17.618	4.842	1.493	.547	.171	.116	.066	.048	.032	.028	.013
334	23	121		21.796	4.776	1.983	.446	.192	.097	.093	.047	.099	.056	.031
334	23	551		14.901	4.694	1.396	.448	.151	.071	.073	.050	.097	.048	.048
334	23	940		19.163	5.486	1.445	.576	.184	.116	.188	.175	.114	.109	.041
334	23	1445		27.844	5.768	1.758	.753	.244	.188	.088	.059	.049	.088	.008
344	24	2059		38.300	8.186	2.588	.869	.231	.086	.106	.089	.058	.031	.038
344	25	100		36.635	7.676	2.895	.808	.287	.129	.111	.056	.035	.029	.028
344	25	604		39.278	10.302	2.914	.786	.345	.129	.092	.044	.032	.029	.028
344	25	1324		35.091	9.249	2.854	.864	.418	.305	.337	.234	.141	.090	.033
344	25	1750		32.297	10.798	2.599	1.228	.479	.201	.165	.128	.078	.053	.049
344	25	2228		44.296	10.793	3.604	3.242	2.489	1.677	1.189	.086	.473	.227	.109
344	26	305		49.078	11.706	2.817	1.394	.756	.498	.331	.192	.096	.048	.026
344	26	800		58.762	10.793	3.068	1.176	.516	.384	.302	.329	.188	.078	.036
344	26	1300		39.966	11.297	3.274	1.372	.429	.271	.300	.363	.209	.104	.051
344	26	1801		30.135	8.628	2.665	.888	.377	.209	.184	.166	.098	.047	.028
344	29	1850		34.399	7.639	1.718	.587	.378	.103	.207	.106	.087	.058	.031
344	29	2355		30.900	5.740	1.822	.969	.831	.146	.147	.229	.103	.098	.027
344	30	902		30.634	6.904	1.982	.988	.292	.108	.040	.184	.087	.049	.027
344	30	1000		28.907	6.293	1.983	.706	.412	.382	.433	.384	.029	.092	.049
344	30	1900		29.001	4.930	1.411	.947	.812	.183	.811	.138	.099	.130	.024

NOISE AMPLITUDES

Station Extension Channel	Day	Hour	Band Center Freq. CPS	.25	.4	.571	.728	.89	1.11	1.43	1.82	2.22	2.96	4.0
			Band Center Period Sec.	4.0	2.5	1.75	1.375	1.125	.9	.7	.55	.45	.35	.25
243	355	1500		45.169	14.892	4.088	1.176	.567	.224	.124	.089	.112	.088	.081
243	355	2000		69.975	16.167	5.277	1.887	.606	.224	.124	.089	.071	.051	.044
243	356			55.320	16.886	4.295	1.578	.606	.183	.088	.063	.050	.036	.072
243	356	500		40.480	12.282	3.824	1.331	.479	.183	.124	.089	.087	.051	.082
243	356	1000		45.169	11.080	3.088	1.019	.371	.158	.088	.063	.056	.036	.031
243	356	1500		44.025	9.119	2.890	.872	.401	.158	.088	.044	.035	.025	.031
243	356	2000		45.169	11.080	4.045	1.464	.401	.158	.107	.044	.035	.044	.048
243	356	2200		53.444	19.051	5.886	1.534	1.437	1.059	.626	.375	.248	.139	.103
243	357			53.444	12.267	3.054	1.256	.395	.252	.141	.079	.127	.045	.054
243	357	500		68.203	12.282	3.540	1.392	.429	.183	.104	.063	.050	.045	.065
243	357	1000		51.500	15.770	3.540	1.288	.395	.164	.111	.063	.059	.036	.036
243	357	1500		46.063	11.535	3.077	1.116	.395	.164	.088	.048	.050	.036	.032
313	9	2		23.901	9.629	1.493	.576	.235	.142	.111	.148	.055	.032	.028
313	9	515		27.844	9.629	1.718	.488	.318	.246	.204	.253	.074	.036	.028
313	9	1135		4.517	.898	.373	.273	.191	.123	.068	.077	.030	.016	.038
313	9	1515		24.740	5.189	1.866	1.052	.742	.429	.291	.343	.142	.077	.051
313	10	15		21.186	6.293	2.612	1.152	.684	.485	.333	.274	.137	.079	.057
313	10	505		36.695	5.768	1.710	.880	.479	.317	.299	.234	.160	.051	.047
313	10	1105		24.748	6.894	2.639	1.749	1.050	.732	.496	.307	.476	.143	.072
313	10	1680		25.551	5.034	1.828	.706	.383	.183	.207	.137	.180	.056	.032
323	10	2025		24.740	5.629	1.493	.576	.279	.169	.222	.160	.090	.068	.023
323	11	5		27.101	5.657	1.396	.499	.295	.142	.147	.153	.053	.042	.023
323	11	500		19.163	4.396	1.345	.513	.239	.132	.124	.105	.082	.108	.028
323	11	1010		22.312	4.658	1.381	.433	.254	.111	.105	.109	.044	.090	.021
323	11	1500		42.372	9.749	2.890	1.199	.567	.239	.215	.250	.142	.176	.054
323	11	2045		16.288	3.960	1.822	.333	.283	.091	.141	.145	.149	.100	.055
323	12	15		16.288	3.776	.914	.470	.166	.058	.083	.105	.055	.066	.021
323	12	500		18.514	4.360	1.119	.482	.174	.045	.082	.059	.038	.028	.018
323	12	1000		15.251	5.112	1.561	.456	.148	.056	.075	.064	.034	.018	.011
323	12	1500		22.764	4.907	1.345	.544	.177	.063	.107	.079	.073	.013	.008
323	15	2004		25.551	6.418	2.360	.744	.383	.209	.157	.074	.151	.036	.023
323	16	110		28.567	7.758	2.144	.622	.214	.164	.164	.093	.081	.053	.023
323	16	600		23.901	6.668	1.866	.688	.192	.120	.096	.074	.045	.028	.016
323	16	1040		23.981	5.903	1.730	.665	.235	.100	.100	.084	.055	.028	.014
323	16	1600		22.128	5.903	1.866	.744	.254	.129	.152	.112	.047	.032	.028
323	16	1956		20.280	5.189	1.493	.564	.179	.136	.114	.069	.042	.025	.014
323	17	45		25.551	4.074	2.111	.665	.271	.120	.141	.097	.071	.068	.038
323	17	620		33.801	6.166	2.889	.622	.279	.164	.130	.118	.059	.056	.018
323	17	1040		22.128	5.034	1.583	.576	.318	.200	.260	.256	.135	.068	.028
333	17	2200		25.591	4.709	1.396	.665	.235	.153	.166	.089	.055	.039	.018
333	18	240		31.294	5.348	1.539	.644	.214	.116	.111	.084	.050	.032	.026
333	18	500		30.635	6.293	1.939	.686	.303	.192	.196	.164	.114	.053	.078
333	18	1559		9.034	2.517	.740	.407	.303	.153	.130	.181	.055	.028	.014
333	18	2040		18.067	4.174	2.531	1.865	.889	.596	.493	.369	.177	.088	.052
333	19			32.972	7.128	2.308	1.116	.767	.401	.319	.288	.110	.000	.008
333	19	500		27.181	5.034	1.493	.788	.254	.200	.207	.177	.090	.000	.000
333	22	1038		15.116	3.980	1.283	.493	.235	.104	.061	.035	.025	.018	.013
333	23	121		17.610	3.560	1.203	.349	.171	.082	.055	.043	.043	.042	.022
333	23	551		12.934	3.515	1.015	.448	.168	.063	.061	.057	.054	.059	.038
333	23	940		19.163	5.189	1.345	.478	.166	.100	.157	.168	.125	.092	.044
333	23	1445		17.783	3.560	1.319	.487	.283	.091	.368	.052	.049	.008	.008
343	24	2859		22.584	6.217	2.447	.720	.313	.125	.103	.071	.053	.032	.026
343	25	100		21.186	6.127	2.398	.916	.325	.169	.095	.059	.040	.023	.019
343	25	607		20.967	7.153	2.615	.748	.369	.152	.076	.044	.033	.023	.020
343	25	1324		25.551	8.349	3.210	1.032	.489	.292	.288	.289	.121	.064	.038
343	25	1750		29.273	9.334	2.997	1.884	.468	.286	.147	.117	.076	.054	.048
343	25	2221		45.169	13.280	6.354	4.998	3.611	2.476	1.762	.835	.572	.308	.129
343	26	305		33.192	8.253	3.656	1.052	1.028	.785	.496	.256	.167	.077	.034
343	26	800		28.967	7.096	2.691	1.183	.525	.278	.316	.336	.206	.072	.028
343	26	1300		27.181	8.443	2.747	.864	.418	.284	.353	.367	.176	.082	.036
343	26	1801		31.011	8.039	2.590	.845	.427	.283	.138	.180	.074	.041	.071
343	29	1850		23.832	9.080	1.592	.499	.292	.151	.191	.197	.069	.045	.021
343	29	2355		20.330	4.024	1.479	.620	.239	.142	.146	.177	.084	.042	.020
343	30	502		28.700	4.074	1.421	.526	.488	.244	.201	.161	.097	.048	.010
343	30	1000		24.740	9.318	1.770	.926	.359	.252	.388	.347	.196	.088	.032
343	30	1500		32.446	9.189	1.539	.633	.257	.164	.209	.163	.081	.052	.017
245	355	1500		53.444	10.410	3.731	1.441	.420	.158	.107	.080	.087	.057	.026
245	355	2000		26.338	6.166	1.798	.588	.166	.058	.028	.028	.016	.011	.008
245	356			66.996	21.060	4.728	1.663	.666	.183	.111	.089	.071	.039	.026
245	356	500		57.134	16.088	4.352	1.492	.643	.284	.180	.119	.095	.062	.048
245	356	1000		60.400	11.940	3.296	1.470	.587	.217	.124	.079	.067	.045	.032
245	356	1500		51.500	13.849	3.637	1.511	.502	.205	.139	.071	.061	.036	.026
245	356	2000		69.975	12.897	3.389	.872	.371	.217	.111	.079	.050	.036	.026
245	356	2200		51.500	14.460	3.049	1.302	.778	.467	.277	.140	.095	.065	.041
245	357			56.853	14.623	3.949	1.288	.489	.239	.136	.093	.087	.042	.030
245	357	500		71.418	13.958	3.824	1.288	.479	.183	.088	.063	.055	.036	.026
245	357	1000		71.418	14.623	3.488	1.176	.525	.246	.124	.074	.059	.030	.026
245	357	1500		43.324	11.948	2.767	1.128	.516	.289	.141	.074	.059	.030	.026
315	9	2		21.186	4.703	1.325	.473	.192	.117	.094	.065	.050	.032	.048
315	9	515		21.473	4.607	1.348	.929	.294	.211	.162	.088	.059	.056	.054
315	9	1135		20.401	4.098	1.596	.749	.412	.273	.177	.105	.074	.094	.057
315	9	1515		24.740	4.538	1.345	.528	.395	.301	.175	.108	.071	.072	.072
315	10	15		18.067	9.406	1.798	.744	.489	.347	.211	.140	.090	.088	.086
315	10	505		24.740	6.036	2.044	.941	.991	.461	.294	.166	.131	.072	.078
315	10	1105		29.961	6.894	2.044	.744	.429	.357	.311	.198	.118	.062	.089
315	10	1600		29.273	6.166	1.669	.706	.349	.224	.242	.140	.078	.056	.081
325	10	2025		27.844	5.629	1.677	.665	.279	.142	.182	.114	.065	.051	.038
325	11	5		30.635	5.996	1.493	.499	.279	.155	.121	.127	.069	.034	.023
325	11	500		20.200	5.413	1.583	.539	.239	.155	.121	.105	.079	.075	.035
325	11	1010		25.551	4.955	1.698	.576	.239	.140	.175	.108	.053	.067	.024
325	11	1500		24.748	5.036	1.449	.606	.287	.155	.147	.108	.071	.047	.048
325	11	2045		23.032	4.074	1.583	.499	.295	.142	.229	.186	.167	.119	.068
325	12	15		23.901	5.413	1.898	.672	.383	.149	.164	.137	.118	.078	.053
325	12	500		20.992	4.174	1.271	.434	.120	.048	.089	.078	.028	.022	.011
325	12	1000		31.618	6.498	2.144	.659	.283	.082	.136	.089	.067	.032	.021
325	12	1500		30.645	7.552	2.144	.926	.271	.123	.147	.117	.099	.020	.018
325	15	2004		30.895	9.918	3.232	1.176	.468	.299	.239	.115	.090	.036	.036
325	16	110		41.088	12.946	3.931	1.193	.429	.184	.157	.140	.093	.030	.020
325	16	600		40.400	10.495	2.410	.911	.383	.183	.175	.108	.071	.036	.023
325	16	1040		37.247	9.249	2.550	.815	.332	.142	.162	.125	.084	.032	.023
325	16	1600		31.294	6.988	2.681	1.092	.399	.183	.248	.158	.105	.049	.038
325	16	1956		24.748	6.668	1.750	.815	.383	.153	.157	.087	.067	.032	.023
325	17	45		36.135	7.120	2.503	.798	.345	.153	.196	.131	.095	.089	.046
325	17	620		43.324	7.096	2.691	.864	.359	.288	.166	.153	.078	.064	.023
325	17	1040		28.967	6.166	2.239	.941	.429	.284	.359	.381	.191	.079	.048
335	17	2200		30.418	6.674	1.957	.789	.401	.242	.248	.148	.079	.044	.026
335	18	240		41.398	7.868	2.078	.848	.383	.174	.196	.108	.055	.042	.032
335	18	500		38.327	6.349	2.585	.911	.469	.295	.222	.247	.114	.096	.032
335	18	1959		13.591	4.330	1.289	.499	.487	.288	.188	.120	.071	.053	.021
335	18	2040		20.567	7.980	3.338	2.232	1.808	1.197	.859	.574	.348	.045	.023
335	19			29.273	4.709	2.208	1.029	.533	.327	.272	.180	.067	.000	.000
335	19	500		40.408	7.446	2.767	1.116	.518	.285	.263	.266	.186	.008	.000
335	22	1938		17.140	5.034	1.529	.613	.201	.116	.066	.043	.032	.027	.010
335	23	121		16.208	3.968	1.332	.372	.151	.077	.069	.040	.048	.052	.024
335	23	551		16.708	4.074	1.371	.456	.225	.091	.078	.063	.049	.067	.046
335	23	940		20.240	5.629	1.403	.526	.254	.129	.166	.196	.198	.093	.051
335	24	1445		18.348	4.709	.969	.592	.179	.104	.082	.050	.034	.008	.008
345	24	2059		22.584	5.903	2.208	.615	.359	.120	.171	.119	.071	.042	.023
345	25	100		27.326	6.479	2.441	1.019	.422	.209	.141	.084	.059	.033	.022
345	25	604		29.273	6.720	2.589	.833	.352	.148	.102	.050	.040	.023	.020
345	25	1324		20.567	11.116	2.792	.984	.469	.271	.364	.318	.149	.078	.034
345	25	1750		27.101	10.379	2.375	1.120	.489	.218	.206	.181	.078	.050	.046
345	25	2220		42.891	12.807	9.277	4.481	2.824	1.807	1.167	.776	.507	.290	.153
345	26	305		43.801	8.536	3.077	1.078	.656	.479	.299	.149	.113	.056	.033
345	26	800		41.088	8.293	3.637	1.869	.929	.375	.488	.386	.181	.072	.036
345	26	1300		28.567	8.443	2.767	.888	.371	.231	.386	.396	.130	.077	.050
345	26	1801		30.327	8.944	1.992	.815	.442	.217	.199	.175	.098	.040	.020
345	29	1850		33.741	6.974	1.673	.869	.248	.106	.210	.217	.098	.049	.031
345	29	2355		30.336	7.238	2.184	.886	.303	.174	.211	.268	.087	.048	.027
345	30	502		30.904	6.079	1.798	.088	.318	.173	.300	.329	.086	.049	.029
345	30	1000		27.844	9.406	1.770	.033	.309	.347	.508	.438	.186	.084	.033
345	30	1900		30.091	9.406	1.481	.088	.208	.146	.272	.170	.078	.030	.081

PACIFIC NORTHWEST SLAVE STATIONS

NOISE AMPLITUDES

Station Extension Channel	Day	Hour	Band Center Freq. CPS	.25	.4	.571	.728	.89	1.11	1.43	1.82	2.22	2.96	4.0
			Band Center Period Sec.	4.0	2.5	1.75	1.375	1.125	.9	.7	.55	.45	.35	.25
342	31	155		30.900	5.340	1.293	.513	.139	.075	.118	.157	.055	.028	.016
342	31	700		26.338	4.360	1.180	.372	.192	.183	.257	.388	.156	.058	.030
342	31	1200		24.740	4.538	1.293	.407	.214	.192	.299	.390	.172	.062	.030
342	31	1718		35.566	5.340	1.396	.600	.225	.129	.239	.181	.087	.048	.028
412	39	1100		45.663	8.263	2.027	.771	.339	.125	.086	.051	.038	.026	.016
412	39	2056		45.169	8.508	2.168	.715	.325	.142	.187	.091	.086	.069	.045
412	40	1100		34.987	6.388	1.361	.499	.258	.142	.087	.066	.049	.028	.018
422	44	387		45.886	7.285	1.614	.676	.369	.178	.118	.089	.049	.008	.000
422	44	1258		35.566	6.101	1.474	.515	.279	.104	.087	.068	.034	.000	.000
422	45	685		48.648	9.780	2.531	.832	.383	.165	.096	.058	.033	.000	.000
422	45	1600		53.486	10.287	1.932	.811	.382	.151	.098	.079	.087	.000	.000
422	46	55		43.183	7.425	1.627	.424	.214	.113	.071	.054	.033	.000	.000
422	46	1100		41.398	5.712	1.293	.427	.223	.130	.087	.068	.042	.000	.000
422	46	2046		41.643	6.985	1.516	.557	.255	.142	.102	.067	.073	.000	.000
422	47	1650		32.759	5.304	1.401	.473	.189	.091	.072	.082	.069	.000	.000
432	50	2200		42.468	7.142	1.790	.554	.279	.165	.125	.128	.144	.000	.000
432	51	800		37.082	7.120	1.884	.740	.400	.222	.076	.052	.028	.000	.000
432	52	125		55.209	7.109	1.714	.539	.214	.086	.054	.043	.032	.000	.000
432	52	1059		56.343	6.176	1.758	.597	.257	.140	.082	.057	.035	.000	.000
432	53	17		48.815	8.415	1.669	.725	.341	.176	.183	.108	.127	.000	.000
432	53	946		48.698	7.446	1.786	.729	.402	.257	.147	.107	.102	.000	.000
432	54	200		55.688	8.720	2.503	.896	.498	.192	.078	.048	.039	.000	.000
432	54	1200		54.652	11.651	2.528	1.019	.407	.185	.076	.036	.028	.000	.000
442	55	505		52.481	9.154	2.306	.753	.312	.151	.055	.038	.030	.000	.000
442	55	1500		48.311	8.386	1.793	.574	.254	.163	.089	.044	.032	.000	.000
442	56	485		52.888	7.041	1.345	.440	.221	.120	.048	.032	.019	.000	.000
442	56	1480		58.702	6.951	1.529	.505	.218	.146	.073	.030	.022	.000	.000
442	57	300		49.603	6.928	1.605	.539	.237	.141	.071	.034	.030	.000	.000
442	57	1807		37.082	6.293	1.287	.411	.206	.097	.084	.079	.096	.000	.000
442	58	500		38.758	6.731	1.401	.487	.225	.104	.041	.031	.021	.000	.000
442	58	1828		30.097	6.368	1.188	.622	.376	.234	.141	.094	.100	.000	.000
512	67	1100		285.670	105.300	64.748	31.950	15.120	6.649	1.881	.848	.550	.000	.000
512	66			451.690	248.550	175.428	183.880	44.942	12.276	4.113	.885	1.004	.000	.000
512	66	500		534.440	266.998	287.768	99.880	42.851	10.023	2.480	.885	.710	.000	.000
512	68	800		484.080	217.998	186.578	86.430	37.110	14.409	3.921	.885	.710	.000	.000
512	68	1300		428.510	251.720	139.628	85.460	30.300	7.088	2.148	.885	.710	.000	.000
512	68	1800		349.870	199.980	153.408	84.810	34.547	18.671	3.507	.885	.710	.000	.000
512	68	2300		494.880	214.330	141.110	94.860	27.278	7.977	3.720	1.252	.710	.000	.000
512	69	400		285.678	137.078	128.340	74.398	33.192	7.320	2.148	.885	.710	.000	.000
532	81	958		377.910	188.798	111.320	58.530	25.133	7.977	2.480	.792	.745	.000	.000
532	81	1647		588.930	330.880	166.880	77.310	35.205	9.241	2.908	1.252	.870	.000	.000
612	88	5		61.278	16.889	5.497	2.275	1.415	.615	.415	.292	.215	.000	.000
612	88	1000		43.324	12.711	6.266	1.847	.778	.474	.301	.267	.208	.000	.000
612	89	2346		16.833	4.889	1.319	.582	.233	.116	.087	.055	.047	.000	.000
612	90	1003		18.623	3.560	1.022	.263	.121	.099	.089	.044	.063	.000	.000
622	91	655		29.863	6.293	2.528	1.025	.368	.153	.130	.066	.064	.000	.000
622	91	1515		29.901	7.189	2.418	1.045	.748	.423	.299	.277	.144	.000	.000
622	92	610		29.203	7.317	1.917	.682	.295	.151	.111	.073	.067	.000	.000
622	92	1405		35.566	7.897	2.166	.851	.348	.152	.092	.066	.042	.000	.000
622	93	643		29.273	7.860	2.415	.850	.344	.213	.162	.128	.101	.000	.000
622	93	1805		35.184	8.433	2.484	.922	.445	.256	.161	.121	.094	.000	.000
622	94	485		37.737	9.544	2.561	.981	.332	.129	.068	.046	.037	.000	.000
622	94	1245		42.275	13.689	4.718	1.949	.657	.296	.182	.144	.097	.000	.000
642	95	117		48.648	13.140	5.395	1.975	.738	.384	.248	.173	.127	.000	.000
642	95	1103		54.202	13.730	5.828	1.392	.479	.217	.124	.063	.055	.000	.000
642	96	40		48.952	18.432	3.645	1.266	.565	.243	.154	.089	.089	.000	.000
642	98	1154		49.898	17.348	4.742	1.815	.929	.332	.196	.137	.108	.000	.000
642	99	2100		77.973	22.052	6.074	2.143	.824	.379	.218	.173	.154	.000	.000
642	100	723		61.932	15.466	5.048	1.784	.738	.306	.225	.153	.100	.000	.000
642	101	310		47.972	10.679	3.587	1.336	.539	.276	.141	.108	.055	.000	.000
642	101	939		39.635	10.819	3.743	1.319	.548	.291	.148	.093	.078	.000	.000
722	108	2130		27.176	6.204	2.528	1.191	.578	.336	.193	.131	.101	.000	.000
722	109	1740		39.892	10.379	4.631	1.791	.813	.301	.136	.108	.098	.000	.000
722	109	2305		39.892	12.137	4.688	1.784	.691	.381	.124	.079	.081	.000	.000
722	110	1245		38.855	9.749	4.447	1.713	.606	.209	.096	.063	.055	.000	.000
722	111	135		32.572	9.876	3.031	1.245	.444	.192	.088	.056	.048	.000	.000

Station Extension Channel	Day	Hour	Band Center Freq. CPS	.25	.4	.571	.728	.89	1.11	1.43	1.82	2.22	2.96	4.0
			Band Center Period Sec.	4.0	2.5	1.75	1.375	1.125	.9	.7	.55	.45	.35	.25
344	30	2100		27.644	4.268	1.493	.520	.244	.149	.202	.113	.096	.032	.076
344	31	155		25.790	4.360	1.875	.544	.166	.086	.106	.113	.058	.026	.017
344	31	700		23.901	4.174	1.059	.372	.192	.104	.263	.277	.144	.096	.039
344	31	1200		28.208	4.360	1.055	.372	.235	.217	.283	.273	.133	.077	.038
344	31	1710		31.163	4.530	1.306	.448	.192	.119	.219	.127	.081	.045	.026
414	39	1100		43.183	8.137	1.999	.735	.337	.146	.091	.054	.035	.023	.014
414	39	2056		40.815	8.099	2.192	.715	.325	.145	.114	.097	.080	.072	.040
414	40	1100		38.966	5.849	1.356	.499	.221	.125	.081	.048	.034	.021	.014
424	44	387		43.886	7.736	2.244	1.133	.662	.412	.263	.176	.119	.000	.000
424	44	1250		35.623	6.672	1.635	.564	.295	.149	.118	.057	.039	.000	.000
424	45	685		47.373	9.569	2.778	.848	.402	.200	.123	.057	.046	.000	.000
424	45	1600		51.934	9.749	2.027	.801	.337	.173	.107	.079	.081	.000	.000
424	46	95		45.078	6.787	1.511	.469	.266	.195	.097	.064	.047	.000	.000
424	46	1100		43.841	5.688	1.574	.633	.400	.274	.163	.111	.059	.000	.000
424	46	2046		37.192	6.608	1.543	.819	.365	.200	.180	.185	.082	.000	.000
424	47	1650		32.989	5.807	1.608	.631	.266	.119	.182	.078	.060	.000	.000
434	50	2200		32.572	5.688	1.495	.597	.340	.252	.191	.130	.120	.000	.000
434	51	800		25.869	5.598	1.448	.567	.292	.225	.103	.092	.027	.000	.000
434	52	125		36.308	4.801	1.238	.448	.225	.113	.043	.028	.074	.000	.000
434	52	1059		35.228	5.889	1.162	.368	.248	.158	.074	.041	.032	.000	.000
434	53	17		36.191	6.836	1.578	.689	.318	.187	.165	.128	.082	.000	.000
434	53	946		46.723	6.871	2.886	.932	.643	.366	.194	.143	.091	.000	.000
434	54	200		43.793	7.131	2.168	.848	.397	.169	.058	.033	.022	.000	.000
434	54	1200		37.302	7.769	2.071	.698	.388	.195	.077	.041	.024	.000	.000
444	55	505		41.398	7.320	1.814	.478	.279	.143	.043	.029	.021	.000	.000
444	55	1500		33.376	5.917	1.557	.918	.288	.144	.069	.032	.024	.000	.000
444	56	405		39.892	5.958	1.319	.484	.187	.104	.043	.027	.028	.000	.000
444	56	1400		43.371	6.684	1.345	.489	.212	.129	.083	.058	.049	.000	.000
444	57	300		36.802	5.843	1.618	.629	.336	.218	.163	.032	.043	.000	.000
444	57	1807		33.376	6.672	1.881	.744	.483	.251	.163	.118	.081	.000	.000
444	58	500		30.434	5.097	.951	.376	.187	.078	.035	.023	.016	.000	.000
444	58	1020		25.471	4.923	1.835	.583	.335	.196	.123	.069	.098	.000	.000
514	67	1100		247.480	76.560	40.658	27.838	14.531	5.176	2.140	.885	.318	.278	.114
514	68			451.698	280.840	185.548	82.038	35.979	12.946	3.218	1.077	1.238	1.134	1.024
514	68	500		451.098	235.408	156.188	81.498	35.285	18.826	2.773	.885	.710	.717	.512
514	68	800		494.888	199.888	151.578	77.138	41.212	10.823	3.921	1.252	.710	.507	.362
514	68	1300		451.098	180.608	111.948	66.538	27.181	8.184	8.318	.885	.710	.507	.627
514	68	1800		451.698	199.888	115.818	74.398	31.779	18.823	2.773	.885	.710	.507	.342
514	68	2300		496.858	162.898	91.788	58.348	22.163	8.204	3.166	1.252	.710	.717	.362
514	69	400		282.888	112.578	102.878	67.868	26.415	2.588	2.488	.885	.718	.359	.362
534	81	958		359.888	141.288	67.868	34.898	16.155	6.998	2.838	.849	.639	.000	.000
534	81	1647		868.838	330.888	149.268	68.188	34.812	9.895	3.281	1.778	1.238	.000	.000
614	88	5		71.783	17.119	5.749	2.213	1.395	.884	.548	.392	.288	.000	.000
614	88	1000		51.588	13.872	6.538	1.954	.838	.484	.346	.215	.225	.000	.000
614	89	2346		17.821	5.558	1.529	.576	.282	.128	.095	.066	.063	.000	.000
614	90	1003		33.741	8.774	2.815	1.078	.422	.228	.138	.097	.096	.000	.000
624	91	655		30.308	6.688	2.348	.872	.345	.192	.102	.078	.096	.000	.000
624	91	1515		31.288	7.288	2.281	.868	.596	.348	.236	.211	.164	.000	.000
624	92	610		32.446	7.435	1.868	.595	.281	.138	.098	.077	.096	.000	.000
624	92	1405		34.871	7.339	1.986	.797	.321	.140	.078	.059	.030	.000	.000
624	93	643		27.844	7.303	2.111	.788	.318	.106	.133	.109	.092	.000	.000
624	93	1805		32.194	6.576	1.996	.725	.345	.173	.128	.083	.088	.000	.000
624	94	485		33.376	6.702	2.288	.796	.274	.108	.053	.029	.072	.000	.000
624	94	1245		37.737	12.144	3.876	1.489	.496	.142	.057	.028	.071	.000	.000
644	95	117		46.723	11.569	4.978	1.996	.738	.379	.248	.167	.131	.000	.000
644	95	1103		44.719	11.116	3.560	1.865	.489	.246	.124	.048	.059	.000	.000
644	96	40		42.468	18.248	3.221	1.238	.567	.282	.154	.091	.091	.000	.000
644	96	1154		37.791	15.851	3.656	1.267	.678	.371	.226	.079	.177	.000	.000
644	99	2100		67.388	18.793	5.211	1.758	.844	.429	.229	.178	.142	.000	.000
644	100	723		63.236	14.915	4.328	1.469	.736	.357	.218	.156	.089	.000	.000
644	101	316		33.881	7.607	2.389	.847	.436	.242	.129	.086	.041	.000	.000
644	101	939		31.611	7.769	2.517	.966	.478	.283	.159	.104	.074	.000	.000
724	108	2130		28.288	6.442	2.823	1.149	.546	.284	.194	.121	.089	.000	.000
724	109	1740		32.572	9.324	4.886	1.881	.846	.299	.164	.088	.099	.000	.000
724	109	2305		30.189	11.867	4.893	1.838	.751	.299	.141	.074	.078	.000	.000
724	110	1245		38.189	9.876	3.866	1.981	.983	.286	.098	.069	.098	.000	.000

NOISE AMPLITUDES

Station Extension Channel	Day	Hour	Band Center Freq. CPS	.25	.4	.571	.728	.89	1.11	1.43	1.82	2.22	2.96	4.0
			Band Center Period Sec.	4.0	2.5	1.75	1.375	1.125	.9	.7	.55	.45	.35	.25
343	30	2100		23.383	4.874	1.911	.957	.240	.137	.204	.157	.091	.042	.019
343	31	155		27.623	4.155	1.130	.544	.184	.082	.081	.133	.047	.034	.014
343	31	700		21.186	3.988	1.289	.487	.214	.192	.384	.338	.121	.058	.023
343	31	1200		23.981	4.703	1.939	.487	.254	.200	.277	.358	.142	.066	.038
343	31	1710		21.588	3.776	1.655	.456	.192	.123	.144	.188	.056	.038	.021
413	39	1100		44.942	8.720	2.239	.798	.359	.139	.094	.092	.038	.027	.011
413	39	2056		42.612	8.137	2.889	.702	.345	.155	.124	.103	.095	.068	.041
413	40	1100		30.988	5.836	1.271	.485	.225	.129	.089	.051	.035	.021	.013
423	44	387		48.227	9.163	3.188	1.161	.701	.396	.291	.198	.125	.000	.000
423	44	1258		32.882	6.153	1.588	.611	.315	.130	.094	.057	.035	.000	.000
423	45	685		43.886	9.206	2.534	.749	.387	.176	.097	.057	.048	.000	.000
423	45	1600		47.882	10.889	1.971	.864	.392	.154	.097	.074	.114	.000	.000
423	46	55		41.643	7.950	2.027	.479	.252	.145	.087	.058	.034	.000	.000
423	46	1100		39.429	6.743	2.871	1.130	.691	.349	.265	.176	.108	.000	.000
423	46	2046		28.992	5.143	1.335	.482	.227	.188	.098	.068	.057	.000	.000
423	47	1650		29.342	5.265	1.381	.465	.177	.182	.067	.057	.041	.000	.000
433	50	2200		33.498	6.516	1.622	.674	.310	.144	.107	.113	.107	.000	.000
433	51	800		29.756	6.008	1.583	.588	.331	.221	.074	.048	.027	.000	.000
433	52	125		39.325	9.863	1.681	.478	.239	.093	.048	.031	.022	.000	.000
433	52	1059		39.325	6.346	1.271	.462	.208	.144	.064	.042	.025	.000	.000
433	53	17		35.965	6.974	1.635	.759	.488	.192	.129	.091	.091	.000	.000
433	53	946		43.793	7.960	2.742	1.091	.991	.680	.447	.287	.191	.000	.000
433	54	200		47.459	7.478	2.523	.960	.483	.167	.098	.038	.032	.000	.000
433	54	1200		44.806	9.189	2.427	.963	.432	.161	.084	.048	.022	.000	.000
443	55	505		31.593	6.836	1.644	.583	.244	.144	.098	.031	.024	.000	.000
443	55	1500		32.257	5.629	1.460	.431	.231	.121	.087	.040	.030	.000	.000
443	56	405		36.022	5.876	1.283	.456	.177	.099	.048	.029	.016	.000	.000
443	56	1400		33.881	4.573	1.319	.427	.189	.111	.063	.034	.021	.000	.000
443	57	300		36.308	5.325	1.325	.491	.201	.136	.099	.048	.027	.000	.000
443	57	1807		33.741	6.624	1.685	.640	.394	.230	.140	.113	.110	.000	.000
443	58	500		20.992	4.920	.986	.311	.148	.109	.037	.025	.017	.000	.000
443	58	1820		19.669	4.503	1.829	.434	.297	.181	.107	.059	.079	.000	.000
513	67	1100		247.480	79.680	92.778	30.228	13.885	9.176	1.961	.626	.318	.227	.114
513	66			451.690	217.998	185.548	88.828	35.891	12.948	3.921	1.252	.710	.507	1.149
513	68	500		571.340	217.998	166.888	88.828	35.851	10.023	3.907	1.252	1.540	.717	.627
513	68	800		451.690	217.998	153.858	86.438	39.586	10.026	3.921	.885	.710	.507	.342
513	68	1300		451.690	199.888	118.888	71.948	28.749	9.150	2.488	1.258	1.004	.507	.889
513	68	1800		404.880	199.888	129.268	78.998	33.876	9.150	2.773	.885	.502	.507	.362
513	68	2300		236.438	147.318	85.748	66.538	22.674	8.738	3.855	1.036	.710	.507	.362
513	69	400		282.888	125.868	118.158	68.188	28.424	8.184	2.488	.626	.502	.168	.114
533	81	958		494.888	194.988	92.918	55.918	22.286	6.386	2.773	1.533	1.230	.000	.000
533	81	1647		473.738	269.948	125.718	61.218	23.353	7.285	2.638	1.252	.840	.000	.000
613	88	5		67.388	14.044	6.868	1.961	1.216	.655	.501	.336	.231	.000	.000
613	88	1000		29.961	8.728	4.478	1.543	.658	.337	.229	.177	.121	.000	.000
613	89	2346		10.727	3.643	1.078	.411	.177	.091	.059	.048	.029	.000	.000
613	90	1003		19.375	5.413	1.694	.768	.286	.137	.073	.052	.037	.000	.000
623	91	655		34.887	7.339	2.748	1.256	.479	.271	.111	.109	.081	.000	.000
623	91	1515		28.424	6.948	2.368	1.886	.721	.443	.307	.218	.198	.000	.000
623	92	610		18.188	5.174	1.847	.823	.383	.184	.108	.083	.065	.000	.000
623	92	1405		27.176	6.217	2.423	.853	.303	.142	.076	.048	.034	.000	.000
623	93	643		22.836	6.148	2.881	.861	.329	.224	.158	.130	.124	.000	.000
623	93	1805		24.986	6.388	1.862	.792	.348	.180	.120	.092	.096	.000	.000
623	94	485		27.949	7.583	2.238	.911	.331	.127	.078	.039	.038	.000	.000
623	94	1245		38.388	11.847	4.384	1.715	.588	.183	.094	.062	.043	.000	.000
643	95	117		43.324	11.884	4.885	1.975	.883	.489	.268	.179	.148	.000	.000
643	95	1103		37.247	10.225	3.967	1.586	.558	.224	.124	.048	.055	.000	.000
643	96	40		31.489	8.747	3.348	1.548	.688	.297	.168	.083	.082	.000	.000
643	96	1154		33.192	14.184	4.871	1.638	.846	.381	.136	.056	.064	.000	.000
643	99	2100		60.799	19.819	5.935	2.687	1.189	.467	.269	.188	.156	.000	.000
643	100	723		41.299	11.292	3.977	1.654	.852	.366	.218	.147	.104	.000	.000
643	101	316		28.863	7.892	2.788	1.151	.542	.254	.124	.088	.051	.000	.000
643	101	939		22.128	6.624	2.748	1.124	.568	.259	.119	.078	.061	.000	.000
723	108	2130		22.584	5.369	2.438	1.271	.587	.284	.285	.115	.078	.000	.000
723	109	1740		28.567	7.968	3.516	1.714	.754	.252	.139	.084	.047	.000	.000
723	109	2305		32.572	9.749	3.949	1.822	.754	.271	.136	.074	.059	.000	.000
723	110	1245		29.961	7.889	3.769	1.638	.659	.196	.098	.063	.045	.000	.000

Station Extension Channel	Day	Hour	Band Center Freq. CPS	.25	.4	.571	.728	.89	1.11	1.43	1.82	2.22	2.96	4.0
			Band Center Period Sec.	4.0	2.5	1.75	1.375	1.125	.9	.7	.55	.45	.35	.25
345	30	2100		23.032	4.891	1.249	.499	.192	.119	.224	.148	.056	.031	.016
345	31	155		24.748	4.889	1.436	.478	.192	.086	.181	.145	.054	.026	.014
345	31	700		21.186	3.988	1.119	.487	.186	.142	.328	.319	.131	.058	.023
345	31	1200		21.186	4.174	1.055	.472	.235	.153	.248	.198	.254	.058	.023
345	31	1710		27.844	3.988	1.119	.473	.179	.129	.263	.143	.073	.052	.026
415	39	1100		46.646	9.249	2.288	.848	.389	.178	.111	.063	.058	.029	.016
415	39	2056		44.715	8.674	2.288	.748	.332	.169	.124	.097	.078	.066	.040
415	40	1100		35.393	6.608	1.563	.526	.269	.154	.107	.080	.051	.020	.018
425	44	387		32.257	5.318	1.278	.521	.297	.166	.113	.076	.052	.000	.000
425	44	1258		38.434	5.159	1.309	.479	.271	.118	.077	.048	.028	.000	.000
425	45	685		49.086	9.757	2.558	.926	.439	.208	.102	.068	.042	.000	.000
425	45	1600		57.773	10.672	2.276	.792	.418	.176	.099	.079	.087	.000	.000
425	46	95		42.468	7.371	1.696	.493	.239	.117	.085	.048	.043	.000	.000
425	46	1100		44.449	6.766	1.782	.564	.482	.387	.184	.143	.114	.000	.000
425	46	2046		36.022	6.238	1.271	.478	.294	.292	.112	.088	.078	.000	.000
425	47	1650		38.029	5.295	1.587	.468	.189	.097	.069	.057	.049	.000	.000
435	50	2200		34.182	5.348	1.396	.923	.297	.146	.187	.189	.088	.000	.000
435	51	800		22.128	4.675	1.282	.414	.289	.127	.053	.033	.020	.000	.000
435	52	125		39.117	4.987	1.855	.387	.179	.098	.040	.030	.024	.000	.000
435	52	1059		36.191	5.228	1.293	.446	.288	.098	.061	.036	.022	.000	.000
435	53	17		31.418	6.062	1.396	.549	.231	.155	.095	.085	.049	.000	.000
435	53	946		43.512	7.019	2.315	1.433	.622	.477	.328	.264	.169	.000	.000
435	54	200		48.981	6.871	1.999	.718	.332	.189	.088	.046	.039	.000	.000
435	54	1200		39.994	8.619	2.844	.863	.301	.143	.070	.038	.022	.000	.000
445	55	505		39.481	6.072	1.798	.988	.303	.119	.054	.028	.019	.000	.000
445	55	1500		34.577	5.903	1.403	.431	.199	.128	.189	.067	.038	.000	.038
445	56	405		35.747	4.268	1.187	.324	.166	.093	.045	.079	.071	.000	.000
445	56	1400		46.894	5.917	1.714	.485	.248	.117	.068	.052	.038	.000	.000
445	57	300		37.137	5.413	1.287	.411	.292	.197	.104	.068	.042	.000	.000
445	57	1807		23.032	3.988	.867	.307	.151	.073	.062	.057	.056	.000	.000
445	58	500		29.888	4.889	1.119	.398	.163	.073	.037	.028	.017	.000	.000
445	58	1020		22.128	4.875	1.174	.476	.266	.173	.096	.066	.061	.000	.000
515	67	1100		282.888	89.888	92.778	27.838	13.885	7.764	2.488	1.309	.976	.359	.229
515	68			673.928	272.868	156.188	66.288	44.699	21.748	9.895	5.138	3.842	2.878	1.325
515	68	500		494.888	251.728	184.978	118.438	35.891	18.883	3.987	1.533	1.004	.717	.512
515	68	800		349.878	217.998	168.958	77.138	36.486	18.823	2.773	.626	.502	.359	.256
515	68	1300		484.888	235.488	158.318	74.398	28.241	8.184	2.773	.885	.718	.507	.889
515	68	1800		349.878	218.688	149.268	77.138	31.779	11.974	2.773	.885	.718	.507	.362
515	68	2300		451.898	194.988	132.888	69.788	28.424	12.879	4.988	2.503	1.739	.717	.362
515	69	400		285.678	137.878	124.888	63.188	24.986	7.328	1.754	.885	.718	.507	.362
535	81	958		366.898	187.218	93.298	47.228	22.878	7.677	2.328	.848	.449	.000	.000
535	81	1647		494.888	388.558	128.188	67.998	26.841	7.764	2.488	1.533	1.004	.000	.000
615	88	5		48.982	13.888	4.164	1.591	.897	.491	.338	.238	.141	.000	.000
615	88	1000		48.147	18.665	5.356	1.613	.717	.397	.242	.161	.131	.000	.000
615	89	2346		14.966	4.887	1.254	.499	.216	.118	.073	.043	.035	.000	.000
615	90	1003		23.268	5.957	1.851	.768	.329	.194	.081	.115	.081	.000	.000
625	91	655		27.481	6.485	2.438	.875	.396	.182	.113	.068	.098	.000	.000
625	91	1515		29.893	7.688	2.338	.983	.528	.397	.248	.216	.228	.000	.000
625	92	610		31.811	6.426	2.117	.688	.384	.193	.196	.083	.058	.000	.000
625	92	1405		38.416	7.592	2.137	.859	.395	.143	.067	.050	.027	.000	.000
625	93	643		29.961	7.968	2.395	.768	.353	.174	.174	.134	.183	.000	.000
625	93	1805		33.138	8.195	2.174	.898	.407	.246	.123	.089	.068	.000	.000
625	94	485		33.408	9.885	2.349	.836	.381	.107	.040	.042	.074	.000	.000
625	94	1245		36.878	12.434	4.494	1.498	.578	.178	.083	.049	.036	.000	.000
645	95	117		54.958	14.998	5.204	1.891	.868	.397	.248	.178	.148	.000	.000
645	95	1103		46.883	13.379	4.948	1.299	.529	.271	.157	.096	.099	.000	.000
645	96	40		34.281	8.285	2.719	.977	.381	.163	.084	.058	.056	.000	.000
645	96	1154		38.135	14.515	3.914	1.217	.688	.295	.147	.096	.055	.000	.000
645	99	2100		71.418	19.619	5.539	1.896	.796	.378	.196	.163	.133	.000	.000
645	100	723		61.932	19.414	4.392	1.613	.773	.366	.293	.190	.171	.000	.000
645	101	316		38.327	8.083	2.478	.958	.399	.191	.102	.078	.039	.000	.000
645	101	939		28.484	7.488	2.315	.898	.359	.171	.188	.098	.063	.000	.000
725	108	2130		28.328	6.288	2.447	.984	.478	.288	.154	.121	.184	.000	.000
725	109	1740		31.894	18.187	4.822	1.886	.818	.382	.138	.088	.081	.000	.000
725	109	2305		38.192	11.804	4.888	1.884	.848	.388	.188	.188	.093	.000	.000
725	110	1245		34.699	9.986	4.189	1.788	.776	.297	.118	.088	.084	.000	.000

PACIFIC NORTHWEST SLAVE STATIONS

NOISE AMPLITUDES

Station Extension Channel	Day	Hour	Band Center Freq. CPS	.25	.4	.571	.728	.89	1.11	1.43	1.82	2.22	2.96	4.0
			Band Center Period Sec.	4.0	2.5	1.75	1.375	1.125	.9	.7	.55	.45	.35	.25
722 111 1747				16.180	9.396	1.710	.797	.338	.198	.088	.049	.037	.000	.000
722 114 550				31.294	7.779	2.962	1.222	.502	.205	.100	.059	.059	.000	.000
722 114 1711				42.851	9.147	3.681	1.963	.739	.321	.149	.087	.077	.000	.000
722 115 400				71.703	22.231	8.448	3.881	1.619	.384	.157	.084	.067	.000	.000
722 115 1800				50.500	13.787	5.684	2.146	.871	.357	.171	.112	.110	.000	.000
722 116 430				29.981	7.446	2.985	1.012	.371	.193	.078	.052	.045	.000	.000
722 116 1705				33.801	9.183	4.255	1.822	.717	.337	.147	.089	.067	.000	.000
722 117 705				88.502	12.267	4.172	1.704	.773	.249	.124	.063	.055	.000	.000
722 117 1719				192.698	39.880	11.562	3.793	1.286	.466	.277	.177	.142	.000	.000
722 121 540				70.556	10.980	5.290	2.535	1.076	.384	.147	.089	.071	.000	.000
722 121 1380				55.688	15.311	5.935	2.269	.830	.397	.225	.112	.108	.000	.000
822 129 2115				88.972	14.569	5.853	3.138	1.826	.913	.616	.342	.291	.000	.000
822 130 1727				20.699	3.515	1.639	.986	.432	.229	.167	.086	.075	.000	.000
842 132 2239				12.823	2.673	.784	.392	.204	.105	.084	.059	.049	.000	.000
842 133 625				12.483	2.136	.719	.305	.141	.073	.061	.049	.040	.000	.000
842 133 1018				16.657	3.788	1.238	.478	.218	.140	.099	.065	.058	.000	.000
842 133 1440				16.448	3.221	1.047	.484	.268	.158	.109	.079	.060	.000	.000
842 134 2020				15.647	2.581	.856	.437	.260	.121	.082	.068	.062	.000	.000
842 135 450				18.045	3.246	1.041	.462	.295	.135	.101	.073	.059	.000	.000
842 135 901				14.816	3.267	.724	.337	.193	.101	.069	.047	.038	.000	.000
842 135 1418				18.281	3.121	.874	.583	.140	.089	.065	.049	.043	.000	.000
724 111 135				36.695	10.302	3.338	1.278	.494	.224	.104	.071	.055	.000	.000
724 111 1547				25.947	6.400	2.704	.926	.332	.158	.092	.078	.090	.000	.000
724 114 550				29.273	7.758	2.955	1.091	.429	.217	.086	.063	.049	.000	.000
724 114 1711				41.298	8.320	3.666	1.529	.697	.288	.134	.092	.073	.000	.000
744 115 400				75.851	22.444	8.361	2.919	.958	.375	.175	.115	.078	.000	.000
744 115 1800				46.063	14.295	5.484	2.003	.864	.271	.124	.084	.064	.000	.000
744 116 430				29.273	7.592	2.817	.961	.359	.187	.094	.052	.042	.000	.000
744 116 1705				35.586	9.830	4.352	1.897	.674	.280	.136	.079	.059	.000	.000
744 117 705				74.228	12.897	4.585	1.996	.742	.337	.152	.028	.024	.000	.000
744 117 1719				186.246	44.675	12.376	4.006	1.269	.484	.248	.153	.123	.000	.000
744 121 540				69.975	13.819	5.487	2.393	.934	.415	.162	.088	.078	.000	.000
744 121 1380				69.683	18.543	7.255	2.930	1.030	.448	.272	.089	.123	.000	.000
844 129 2115				131.930	29.014	9.988	3.529	1.360	.878	.575	.424	.318	.000	.000
844 132 2239				22.954	4.432	1.529	.559	.312	.165	.126	.181	.080	.000	.000
844 133 1018				29.283	5.044	1.881	.599	.405	.261	.157	.132	.112	.000	.000
844 133 1440				32.634	6.212	1.944	.923	.331	.194	.135	.086	.065	.000	.000
844 134 2020				213.000	3.988	12.984	9.260	2.641	1.647	1.289	.885	.851	.000	.000
844 135 450				34.291	7.758	2.782	1.283	.417	.338	.216	.177	.128	.000	.000
844 135 901				40.758	8.495	1.488	.994	.381	.218	.135	.094	.000	.000	.000
844 135 1418				39.887	8.636	1.371	.980	.332	.184	.195	.189	.165	.000	.000

NOISE AMPLITUDES

Station Extension Channel	Day	Hour	Band Center Freq. CPS	.25	.4	.571	.728	.89	1.11	1.43	1.82	2.22	2.96	4.0
			Band Center Period Sec.	4.0	2.5	1.75	1.375	1.125	.9	.7	.55	.45	.35	.25
723 111 135				28.063	9.294	2.767	1.245	.903	.298	.107	.057	.049	.000	.000
723 111 1547				27.181	6.600	2.612	.970	.332	.153	.078	.055	.049	.000	.000
723 114 550				23.901	6.540	2.489	1.195	.516	.176	.111	.057	.047	.000	.000
723 114 1711				32.759	6.518	3.131	1.466	.729	.247	.139	.077	.061	.000	.000
743 115 400				99.423	19.376	7.509	3.187	1.227	.386	.175	.101	.078	.000	.000
743 115 1800				43.793	12.523	5.186	2.184	.857	.259	.136	.089	.064	.000	.000
743 116 430				20.288	5.836	1.960	.988	.371	.127	.079	.052	.047	.000	.000
743 116 1705				24.324	7.317	3.677	1.784	.664	.217	.111	.069	.055	.000	.000
743 117 705				41.988	8.443	2.942	1.319	.928	.335	.111	.069	.057	.000	.000
743 117 1715				126.150	33.988	9.873	4.188	1.453	.501	.316	.234	.191	.000	.000
743 121 540				46.941	9.562	4.255	2.387	1.058	.366	.184	.143	.117	.000	.000
743 121 1380				39.692	12.137	4.793	2.286	.982	.397	.229	.113	.047	.000	.000
823 129 2115				17.318	3.836	.798	.314	.166	.094	.086	.066	.056	.000	.000
823 130 1727				12.956	2.930	.737	.380	.199	.079	.072	.055	.050	.000	.000
843 132 2239				8.851	2.276	.695	.296	.108	.086	.067	.059	.051	.000	.000
843 133 625				8.594	2.053	.621	.222	.094	.084	.057	.046	.040	.000	.000
843 133 1018				9.719	2.045	.659	.269	.100	.089	.065	.044	.041	.000	.000
843 133 1440				9.771	1.942	.639	.231	.180	.077	.067	.051	.038	.000	.000
843 134 2020				9.738	1.982	.749	.320	.127	.092	.061	.050	.048	.000	.000
843 135 450				12.712	2.117	.761	.246	.121	.070	.046	.035	.037	.000	.000
843 135 901				10.496	2.418	.641	.247	.114	.067	.063	.041	.034	.000	.000
843 135 1418				10.348	2.027	.856	.468	.195	.081	.060	.045	.040	.000	.000
725 111 135				35.951	11.187	3.560	1.478	.694	.301	.124	.084	.044	.000	.000
725 111 1547				25.149	7.446	2.639	.956	.464	.183	.096	.071	.053	.000	.000
725 114 550				25.551	7.707	2.866	1.174	.575	.271	.111	.069	.056	.000	.000
725 114 1711				37.520	8.962	3.800	1.648	.941	.386	.149	.088	.070	.000	.000
745 115 400				126.990	45.900	16.136	5.180	2.386	.887	.328	.198	.159	.000	.000
745 115 1800				70.286	25.885	12.316	3.736	1.912	.578	.248	.175	.140	.000	.000
745 116 430				26.336	8.674	2.612	.962	.484	.192	.095	.071	.067	.000	.000
745 116 1705				28.567	9.418	4.155	1.745	.796	.347	.124	.093	.074	.000	.000
745 117 705				69.975	14.892	5.224	1.954	1.036	.484	.175	.188	.087	.000	.000
745 121 540				78.844	17.891	8.675	2.910	1.303	.621	.219	.125	.180	.000	.000
745 121 1380				58.803	18.879	7.249	2.916	1.298	.621	.364	.125	.188	.000	.000
825 129 2115				17.920	3.444	.846	.339	.131	.084	.085	.058	.052	.000	.000
825 130 1727				12.776	2.749	.745	.236	.117	.063	.054	.048	.044	.000	.000
825 132 2239				9.666	1.962	.629	.266	.131	.081	.070	.051	.039	.000	.000
825 133 625				13.138	2.964	.779	.368	.221	.131	.098	.069	.051	.000	.000
825 133 1018				14.440	2.862	.969	.383	.229	.147	.109	.071	.054	.000	.000
825 133 1440				11.046	2.561	.692	.252	.191	.081	.077	.054	.033	.000	.000
825 134 2020				9.688	2.855	.699	.267	.127	.078	.081	.048	.040	.000	.000
825 135 450				12.498	2.176	.715	.268	.097	.079	.059	.034	.030	.000	.000
825 135 901				11.422	2.497	.647	.224	.169	.067	.062	.040	.029	.000	.000
825 135 1418				15.371	3.143	.799	.463	.143	.074	.072	.044	.034	.000	.000

PACIFIC NORTHWEST MASTER STATION

NOISE AMPLITUDES

Station Extension Channel	Day	Hour	Band Center Freq. CPS	.25	.4	.571	.728	.89	1.11	1.43	1.82	2.22	2.96	4.0
			Band Center Period Sec.	4.0	2.5	1.75	1.375	1.125	.9	.7	.55	.45	.35	.25
822 334 500				35,280	8,450	2.540	5.080	.320	.116	.036	.024	.020	.010	.008
822 334 1000				43,400	10,540	3.540	1.310	.340	.143	.030	.026	.020	.014	.010
822 334 1500				29,200	6,388	2.400	.990	.400	.146	.040	.026	.020	.014	.008
822 334 2000				33,280	7,807	2.780	1.100	.380	.116	.040	.030	.020	.014	.008
822 335				40,400	12,800	3.120	1.052	.592	.242	.136	.105	.060	.091	.324
822 335 500				44,480	11,900	3.220	1.010	.504	.206	.198	.158	.119	.094	.048
822 335 1000				39,400	10,920	2.780	.960	.468	.166	.049	.029	.020	.194	.010
822 335 1500				32,560	7,230	2.500	.998	.272	.103	.049	.025	.020	.014	.007
822 16 2110				39,377	8,293	2.842	.926	.336	.129	.055	.040	.032	.016	.011
822 337 2100				21,188	7,446	2.340	.911	.303	.100	.048	.028	.020	.011	.008
822 338 210				29,901	9,628	2.558	.932	.295	.092	.039	.028	.021	.010	.008
822 338 705				31,298	8,283	2.844	.725	.271	.100	.028	.020	.014	.009	.004
822 336 1202				38,495	9,418	2.644	.985	.349	.091	.039	.020	.016	.011	.004
822 338 1654				40,488	8,900	2.360	.984	.345	.148	.048	.048	.039	.056	.030
822 336 2100				26,567	10,147	3.389	1.116	.567	.306	.215	.182	.094	.169	.060
822 339				38,380	10,972	3.805	1.200	.496	.200	.111	.079	.071	.078	.048
822 339 500				44,043	12,332	3.579	1.450	.636	.306	.222	.192	.135	.116	.072
822 339 1000				46,063	10,679	2.890	1.288	.407	.142	.096	.069	.044	.060	.032
822 339 1500				34,987	11,116	3.031	1.267	.332	.116	.012	.009	.007	.024	.011
822 339 2100				41,443	10,340	2.380	.832	.371	.150	.088	.077	.071	.057	.026
822 340 100				25,551	10,869	2.839	.868	.332	.092	.055	.028	.028	.047	.016
822 340 500				36,987	8,720	2.531	.780	.295	.100	.039	.028	.022	.024	.011
822 340 1005				25,551	9,963	1.780	.800	.214	.100	.039	.028	.014	.009	.004
822 340 1500				24,746	6,036	1.539	.699	.136	.082	.028	.020	.014	.028	.011
822 340 2015				24,746	9,340	1.421	.685	.192	.158	.039	.028	.022	.022	.008
822 341 500				21,188	9,629	1.119	.913	.196	.082	.028	.028	.016	.018	.009
822 341 1010				24,746	7,230	2.208	.988	.214	.082	.039	.063	.050	.036	.011
822 341 1500				25,551	9,990	3.448	.926	.399	.149	.055	.048	.032	.032	.016
822 341 2000				24,746	10,443	2.439	.744	.214	.082	.039	.028	.022	.020	.011
822 342				27,101	9,418	2.639	.815	.271	.082	.039	.028	.022	.016	.011
822 342 910				22,128	6,874	1.748	.786	.271	.108	.026	.028	.016	.011	.008
822 342 1010				27,101	9,166	1.758	.786	.214	.082	.039	.028	.016	.013	.004
822 342 1500				22,128	6,938	1.398	.688	.166	.071	.028	.013	.007	.005	.004
822 342 2015				23,128	5,189	1.627	.922	.166	.082	.021	.013	.007	.016	.005
822 344 1500				36,645	9,629	2.208	.788	.318	.108	.048	.028	.010	.005	.011
822 344 2008				23,478	7,339	1.738	.822	.236	.098	.038	.028	.016	.011	.004
822 345				23,801	4,703	1.561	.676	.192	.071	.028	.027	.022	.017	.011
822 345 500				18,087	4,498	1.497	.678	.164	.098	.029	.013	.010	.009	.005
822 345 1000				18,623	4,536	.987	.499	.191	.063	.038	.013	.012	.010	.007
822 346				15,647	3,648	1.055	.498	.192	.063	.111	.031	.028	.024	.008
822 346 500				13,399	3,233	1.015	.446	.166	.063	.018	.013	.010	.010	.013
822 346 1000				19,116	3,776	1.188	.497	.135	.063	.018	.013	.007	.007	.004
822 346 1500				18,087	3,988	2.398	.985	.164	.047	.025	.016	.014	.012	.005
822 347 20				12,774	3,988	1.587	.926	.179	.058	.030	.034	.035	.040	.014
822 347 500				16,286	5,413	1.648	.952	.192	.086	.051	.015	.012	.011	.005
822 347 1020				21,186	7,029	1.866	.798	.414	.190	.059	.031	.024	.016	.011
822 347 1505				28,567	7,446	2.516	.984	.318	.108	.039	.028	.016	.024	.005
822 347 1955				36,135	9,249	2.585	1.128	.359	.082	.039	.028	.022	.016	.011
822 349 45				22,128	6,874	1.486	.678	.144	.047	.039	.028	.022	.024	.011
822 349 500				22,128	5,966	.951	.393	.096	.086	.012	.009	.010	.007	.011
822 349 1000				16,286	4,203	.987	.511	.117	.047	.012	.009	.007	.007	.011
822 349 1540				19,585	4,174	.987	.333	.179	.057	.012	.009	.007	.005	.004
822 349 2008				34,399	7,960	2.078	.744	.287	.108	.055	.028	.022	.011	.008
822 350 5				39,377	8,936	2.639	.788	.271	.116	.039	.028	.022	.016	.008
822 350 500				36,987	10,679	2.691	.686	.254	.092	.039	.028	.016	.011	.008
822 350 1000				49,484	11,586	3.632	1.288	.441	.111	.028	.028	.022	.016	.008
822 350 1505				29,273	7,128	2.144	.822	.318	.123	.037	.028	.014	.015	.008
822 350 2008				34,399	7,686	2.644	.798	.382	.116	.048	.028	.022	.011	.011
822 351				49,109	8,349	2.665	.941	.332	.116	.059	.028	.016	.011	.008
822 351 500				74,250	9,188	1.948	.599	.299	.144	.048	.039	.028	.016	.008
822 351 1000				16,016	28,681	4.413	1.978	.958	.579	.362	.288	.213	.134	.051
822 351 1500				99,085	24,372	6.623	2.037	.857	.549	.411	.266	.174	.181	.092
822 351 1905				98,337	19,498	5.144	1.988	1.005	.624	.498	.348	.235	.134	.102
822 352				69,979	28,898	9.988	2.637	.897	.549	.411	.266	.174	.172	.057
822 352 500				54,577	9,249	2.639	1.012	.287	.116	.039	.028	.022	.016	.008
822 352 1000				51,588	10,458	3.448	1.288	.371	.129	.048	.048	.039	.028	.016
822 352 1500				63,878	19,069	3.869	1.222	.465	.129	.078	.056	.039	.023	.016
822 352 2000				17,789	20,728	7.463	2.838	1.144	.684	.328	.198	.159	.101	.089
822 352 2110				63,878	12,802	3.869	1.288	.371	.173	.048	.028	.022	.016	.008
822 353 100				54,577	9,249	2.639	1.012	.287	.116	.039	.028	.022	.016	.008
822 353 500				63,878	19,414	4.088	1.116	.371	.193	.055	.028	.022	.016	.011
822 353 1005				57,134	11,729	3.296	1.116	.446	.149	.068	.028	.022	.016	.011
822 353 1500				39,322	11,729	2.842	.762	.318	.116	.048	.028	.022	.016	.011
822 353 2030				49,484	10,869	2.563	.926	.407	.184	.068	.048	.039	.023	.011
822 354				57,444	11,672	3.358	1.222	.525	.288	.078	.048	.032	.024	.011
812 9				24,697	9,318	1.601	.685	.192	.071	.041	.034	.033	.022	.011
812 9 500				22,483	4,843	1.445	.515	.254	.086	.029	.029	.014	.011	.006
812 9 1010				28,992	4,798	1.536	.670	.281	.094	.029	.014	.009	.009	.006
812 9 1500				23,981	5,265	1.180	.491	.192	.071	.045	.031	.020	.012	.005
812 9 2020				25,551	5,112	1.588	.788	.278	.107	.074	.071	.055	.041	.020
814 10 40				25,047	6,974	1.847	.811	.214	.095	.048	.041	.027	.020	.011
814 10 500				29,273	5,393	1.511	.695	.282	.123	.048	.048	.034	.025	.014
814 10 1000				29,061	6,166	1.847	.744	.254	.116	.048	.034	.025	.016	.008
814 10 1945				35,651	8,295	2.184	.786	.282	.088	.037	.028	.028	.012	.012
812 10 2000				24,746	8,268	1.738	.954	.295	.102	.048	.044	.024	.013	.008
812 11 500				28,992	7,729	1.851	.901	.318	.123	.048	.034	.025	.017	.007
812 11 2000				28,967	6,236	1.832	.878	.254	.092	.045	.031	.022	.016	.008
812 12				24,324	9,112	1.319	.676	.288	.078	.044	.032	.027	.016	.011
822 12 1530				29,228	4,903	1.525	.674	.271	.098	.091	.033	.021	.016	.011
822 15 2015				22,494	4,166	1.939	.899	.318	.071	.028	.028	.016	.011	.008
822 16 1500				28,680	4,929	1.878	.913	.278	.086	.028	.028	.015	.011	.008
822 16 2015				28,638	5,795	1.855	.899	.273	.092	.041	.034	.016	.011	.009
822 17 625				29,061	5,486	2.009	.886	.214	.097	.044	.028	.022	.018	.011
822 17 2100				32,572	8,998	1.878	.729	.299	.098	.039	.028	.022	.012	.007
822 18 1240				28,827	6,443	1.111	.878	.192	.108	.042	.028	.022	.016	.008
822 22 2010				27,326	6,284	1.967	.644	.382	.173	.111	.068	.058	.035	.020
822 23 1100				28,481	9,864	1.386	.967	.177	.093	.037	.028	.016	.014	.009
822 23 2130				26,722	7,962	2.078	.988	.249	.108	.091	.031	.027	.020	.013
822 24 749				25,391	7,582	2.178	.866	.279	.108	.048	.030	.016	.012	.005
842 25 1258				29,273	7,582	2.512	.911	.362	.108	.048	.030	.016	.011	.005
842 25 1231				31,163	11,494	4.843	.963	.403	.103	.088	.058	.055	.036	.023
842 26 141				36,139	10,869	3.144	1.078	.429	.174	.088	.059	.055	.042	.027
842 26 1609				33,888	8,349	2.566	.788	.271	.105	.093	.032	.022	.023	.013
842 26 1909				28,827	5,929	1.658	.967	.192	.093	.039	.028	.022	.013	.007
842 26 915				29,273	9,428	1.459	.643	.192	.091	.054	.034	.022	.012	.006
842 31 200				26,182	4,743	1.396	.497	.117	.048	.026	.020	.014	.011	.007
842 31 1700				27,326	4,503	1.149	.397	.139	.058	.043	.033	.019	.013	.010
842 29 2305				34,167	7,686	2.467	.972	.318	.116	.095	.028	.028	.022	.016
812 4y 900				20,567	7,888	1.866	.789	.271	.198	.095	.028	.028	.016	.011
812 4y 1400				24,964	9,295	1.391	.427	.174	.078	.048	.023	.019	.010	.008
812 4y 2306				22,674	9,143	1.582	.521	.171	.075	.043	.028	.019	.014	.008
822 44 100				26,388	9,089	1.582	.689	.276	.108	.095	.028	.028	.016	.008
822 44 1100				26,778	9,189	1.528	.957	.264	.108	.048	.028	.016	.011	.007
824 45 200				39,966	8,367	2.315	.787	.295	.116	.093	.031	.024	.021	.013
822 45 1200				92,891	11,404	3.290	1.176	.449	.174	.086	.046	.032	.045	.008
822 46 400				31,811	9,059	2.813	.868	.192	.086	.043	.033	.021	.010	.011
822 46 1700				34,871	7,789	1.946	.988	.274	.116	.048	.034	.027	.017	.013
822 47 505				48,982	9,839	2.678	1.144	.442	.198	.088	.048	.030	.022	.008
824 47 1905				37,845	9,819	2.831	.956	.359	.148	.062	.038	.026	.016	.008
822 50 2104				27,549	5,893	1.936	.976	.194	.086	.041	.026	.016	.014	.011
832 51 1200				29,311	9,260	1.899	.699	.292	.119	.048	.028	.016	.011	.008
832 51 2000				31,642	5,572	1.999	.638	.300	.143	.048	.028	.022	.016	.008
832 52 559				31,424	8,268	1.824	.672	.284	.123	.058	.028	.028	.000	.000
832 92 1108				36,695	9,586	1.652	.981	.241	.105	.098	.028	.019	.000	.000
832 52 1608				28,664	9,199	1.801	.969	.189	.086	.041	.027	.000	.000	.000
832 94 400				28,458	12,288	2.886	1.098	.519	.224	.098	.048	.000	.000	.000
832 94 900				29,088	7,988	2.877	1.324	.549	.199	.099	.034	.042	.000	.000

NOISE AMPLITUDES

Station Extension Channel	Day	Hour	Band Center Freq. CPS	.25	.4	.571	.728	.89	1.11	1.43	1.82	2.22	2.96	4.0
			Band Center Period Sec.	4.0	2.5	1.75	1.375	1.125	.9	.7	.55	.45	.35	.25
832 54 1359				49,938	10,494	2.944	1.240	.475	.198	.075	.042	.027	.000	.000
832 54 1954				39,841	10,263	2.772	1.092	.482	.162	.069	.048	.033	.000	.000
812 56 400				40,845	7,128	1.982	.915	.488	.174	.061	.058	.042	.000	.000
812 56 905				29,481	9,112	1.449	.693	.182	.082	.037	.023	.017	.000	.000
812 56 1350				29,796	4,892	1.734	.448	.198	.098	.055	.035	.027	.000	.000
812 56 1900				35,046	8,166	1.726	.981	.281	.148	.103	.066	.051	.000	.000
812 58 100				26,182	9,867	1.293	.624	.212	.084	.048	.038	.029	.000	.000
812 58 550				31,618	9,829	1.926	.682	.291	.174	.098	.059	.045	.000	.000
812 58 1100				29,063	4,193	1.635	.609	.288	.080	.037	.029	.035	.000	.000
812 58 1600				21,896	3,879	1.298	.721	.214	.107	.055	.067	.029	.000	.000
812 61				41,398	12,885	3.244	1.119	.557	.188	.097	.083	.064	.000	.000
842 61 1000				43,491	11,168	3.596	1.249	.586	.242	.090	.036	.031	.000	.000
842 61 1500				49,147	12,401	3.643	1.381	.611	.138	.058	.028	.010	.000	.000
842 61 2000				44,442	12,242	3.162	1.481	.988	.265	.071	.049	.043	.000	.000
842 62 2245				6,697	27,641	7.887	2.861	.951	.454	.359	.298	.119	.000	.000
842 63 1800				43,974	27,746	5.994	2.188	.873	.361	.287	.185	.084	.000	.000
842 63 1900				41,488	20,460	7.148	2.748	1.098	.366	.192	.074	.071	.000	.000
842 63 2200				22,039	29,793	7.187	2.876	1.936	.508	.288	.115	.044	.000	.000
842 65 10				33,992	28,826	8.671	2.788	.998	.342	.192	.108	.071	.000	.000
842 65 1000				85,134	34,085	9.706	3.867	1.486	.484	.172	.266	.201	.000	.000
842 65 1500				19,334	29,757	6.654	2.299	.878	.311	.147	.097	.067	.000	.000
842 65 1925				12,287	26,674	6.885	1.867	.868	.474	.192	.122	.071	.000	.000
842 66 1959				16,741	29,498	10.886	4.162	1.288	.511	.184	.122	.100	.000	.000
842 66 2359				33,839	28,389	10.911	2.919	1.174	.484	.287	.140	.090	.000	.000
812 72 2300				19,695	4,174	1.132	.364	.174	.093	.046	.039	.027	.000	.000
812 74 405				10,697	3,948	1.330	.488	.117	.092	.023	.016	.017	.000	.000
812 73 905				21,889	4,866	1.186	.489	.176	.091	.026	.028	.014	.000	.000
812 73 1405				18,292	4,241	1.360	.382	.134	.073	.024	.029	.017	.000	.000
822 75 158				28,280	9,316	1.391	.468	.171	.071	.035	.027	.014	.000	.000
822 75 820				25,391	4,955	1.601	.571	.295	.091	.043	.022	.016	.000	.000
822 79 1215				25,991	4,995	1.622	.903	.212	.091	.035	.034	.019	.000	.000
822 75 1715				22,784	5,458	1.487	.944	.288	.071	.039	.046	.022	.000	.000
832 80 245				44,516	7,339	2.625	1.500	.812	.549	.379	.216	.168	.000	.000
832 80 925				43,140	8,039	2.959	.863	.361	.141	.057	.029	.071	.000	.000
832 80 1236				28,992	7,748	2.583	.945	.369	.120	.046	.027	.026	.000	.000
832 80 1836				42,372	19,183	4.964	1.025	.359	.149	.068	.048	.032	.000	.000
832 82 110				96,465	28,819	6.465	2.538	.882	.299	.147	.101	.078	.000	.000
832 82 718				58,545	16,667	4.922	1.382	.643	.249	.184	.069	.064	.000	.000
832 82 1525				49,480	14,785	4.765	1.431	.657	.392	.141	.056	.039	.000	.000
812 82 1950				36,592	12,779	3.822	.978	.466	.192	.095	.078	.054	.000	.000
812 89 240				22,584	7,987	1.601	.473	.162	.098	.051	.036	.027	.000	.000
812 89 738				18,623	5,997	1.428	.499	.182	.078	.043	.032	.032	.000	.000
812 89 1138				19,809	4,538	1.339	.957	.356	.103	.122	.076	.041	.000	.000
812 89 1900				17,954	9,143	1.267	.456	.189	.078	.048	.031	.021	.000	.000
822 90 2230				18,290	4,825	1.819	.824	.182	.095	.044	.033	.025	.000	.000
822 91 445				19,291	4,767	1.162	.478	.142	.098	.035	.025	.016	.000	.000
822 91 1247				17,412	3,201	1.094	.361	.135	.063	.030	.016	.014	.000	.000
822 91 1625				16,598	4,287	1.008	.364	.166	.077	.043	.028	.020	.000	.000
822 93 635				17,330	3,984	1.101	.413	.176	.073	.038	.027	.016	.000	.000
822 93 1048				16,498	4,418	1.096	.417	.146	.089	.044	.027	.019	.000	.000
822 93 1455				14,938	3,236	1.444	.486	.166	.096	.041	.024	.020	.000	.000
822 93 1618				19,647	4,316	1.131	.444	.197	.063	.053	.038	.030	.000	.000
842 95 115				23,832	5,754	1.881	.863	.256	.134	.083	.068	.044	.000	.000
842 95 620				20,280	5,858	1.782	.907	.484	.149	.098	.035	.029	.000	.000
842 95 1248				22,204	5,599	1.654	.682	.275	.146	.081	.051	.019	.000	.000
842 95 1735				20,280	4,928	1.928	.411	.184	.088	.074	.048	.052	.000	.000
842 100 925				25,047	6,331	1.809	.644	.421	.249	.098	.052	.034	.000	.000
842 100 1128				23,296	5,881	1.898	.974	.401	.195	.078	.044	.039	.000	.000
842 100 1651				22,494	4,868	1.716	.934	.297	.171	.069	.049	.047	.000	.000
842 100 2010				28,024	4,878	1.224	.928	.214	.161	.083	.042	.033	.000	.000
822 109 151				26,419	9,748	1.914	.864	.329	.229	.191	.067	.049	.000	.000
822 109 545				23,383	9,834	1.635	.739	.449	.191	.086	.045	.035	.000	.000
822 109 921				25,471	9,384	1.845	.738	.336	.226	.093	.047	.037	.000	.000
822 109 1715				29,619	9,917	2.394	1.028	.412	.258	.183	.068	.048	.000	.000
822 111 135				29,481	9,415	2.114	.884	.587	.336	.156	.099	.077	.000	.000
822 111 910				19,375	7,718	1.776	.816	.318	.219	.112	.056	.040	.000	.000
822 111 1325				28,281	9,891	2.189	.988	.319	.218	.187	.061	.041	.000	.000
822 111 1732				23,981	9,615	1.845	.907	.297	.234	.187	.092	.059	.000	.000
842 115 425				42,130	14,882	4.958	1.382	.625	.352	.166	.112	.076	.000	.000
842 119 1421				27,845	9,182	3.319	1.112	.482	.247	.121	.068	.045	.000	.000
842 119 1615				39,532	7,746	3.548	1.178	.394	.216	.118	.061	.049	.000	.000
842 119 1916				31,488	9,418	3.966	1.496	.377	.281	.121	.047	.059	.000	.000
842 116 420				29,419	7,219	1.866	.827	.362	.212	.188	.048	.072	.000	.000
842 116 848				38,105	6,995	2.144	.884	.392	.193	.119	.067	.049	.000	.000
842 116 1208				28,424	6,612	2.169	.842	.326	.241	.112	.059	.035	.000	.000
842 116 1658				26,298	7,457	2.719	1.001	.495	.229	.135	.059	.036	.000	.000
842 129 1135				29,281	7,919	2.485	.967	.387	.197	.170	.079	.054	.000	.000
822 130 716				29,133	6,813	1.986	.788	.394	.241	.184	.086	.073	.000	.000
822 130 1218				22,483	9,859	1.622	.988	.279	.199	.084	.059	.041	.000	.000
822 130 1715				19,914	9,822	1.622	.988	.299	.199	.103	.089	.059	.000	.000
822 130 2248				19,914	9,827	1.622	.988	.282	.198	.114	.101	.057	.000	.000
842 135 711				18,638	4,547	1.099	.448	.247	.184	.088	.047	.031	.000	.000
842 135 955				13,399	2,979	1.819	.436	.246	.240	.097	.092	.035	.000	.000
842 134 1625				18,198	2,421	1.829	.992	.229	.288	.084	.058	.031	.000	.000
842 134 2105				29,272	9,466	1.788	.888	.496	.240	.140	.088	.041	.000	.000
842 135 948				23,986	4,894	1.682	.799	.379	.289	.088	.058	.041	.000	.000
842 135 1045				32,948	9,989	2.838	1.098	.538	.271	.140	.088	.098	.000	.000
842 135 1339				47,799	9,862	2.971	1.148	.946	.413	.194	.119	.000	.000	.000

APPALACHIAN SLAVE STATIONS

NOISE AMPLITUDES

Station Extension Channel2	Day	Hour	Band Center Freq. CPS	.25	.4	.571	.728	.89	1.11	1.43	1.82	2.22	2.96	4.0
			Band Center Period Sec.	4.0	2.5	1.75	1.375	1.125	.9	.7	.55	.45	.35	.25
102	164	2239		71.132	29.516	7.197	2.798	1.142	.558	.288	.231	.144		
102	165	505		87.585	41.865	6.131	2.726	1.196	.549	.293	.153	.871		
102	165	950		96.776	31.765	6.570	2.244	1.231	.541	.277	.158	.898		
102	165	1505		95.390	34.697	8.327	3.035	1.648	.660	.430	.266	.225		
102	165	2019		91.900	24.887	6.727	2.213	1.122	.491	.196	.089	.074		
102	166	15		99.238	26.195	5.264	2.117	1.019	.391	.166	.056	.050		
102	166	840		44.296	21.799	6.654	2.281	.909	.495	.235	.079	.064		
102	166	1445		38.327	14.731	4.978	1.961	.899	.517	.235	.084	.078		
202	188	1905		27.251	12.364	3.733	1.331	.722	.374	.229	.124	.152		
202	189	728		25.591	8.892	3.144	1.059	.546	.264	.149	.088	.065		
202	189	816		18.841	8.527	2.727	1.140	.641	.249	.146	.074	.061		
202	189	1310		20.600	10.462	3.115	1.265	.780	.449	.228	.118	.094		
202	189	1645		31.939	13.787	4.822	2.003	1.026	1.257	.484	.381	.171		
202	190	13		28.145	10.287	3.013	1.442	.717	.386	.175	.101	.095		
202	190	600		33.498	13.572	4.045	1.403	.934	.576	.265	.211	.241		
202	190	1150		65.706	17.257	6.768	2.262	1.623	1.051	.538	.379	.254		
302	198	1910		24.857	11.598	4.469	1.859	.813	.321	.188	.139	.106		
302	199	149		22.128	15.466	5.048	1.822	.836	.295	.192	.147	.079		
302	199	745		27.326	12.692	3.274	1.473	.721	.271	.172	.093	.086		
302	199	1340		26.990	10.887	3.639	1.434	.676	.334	.141	.088	.078		
302	200	2252		22.836	7.520	2.450	.893	.439	.200	.134	.088	.074		
302	201	429		24.986	7.435	2.173	.980	.343	.187	.117	.076	.070		
302	201	850		20.499	8.860	2.160	.983	.381	.177	.141	.092	.065		
302	201	1435		16.534	7.358	2.239	.874	.447	.190	.178	.091	.076		
302	204	1533		31.163	10.575	3.151	1.426	.790	.383	.173	.100	.897		
302	204	2140		36.022	11.459	3.850	1.416	.757	.382	.184	.106	.065		
302	205	700		36.149	15.968	4.320	1.875	1.016	.446	.207	.105	.064		
302	205	1215		35.320	17.072	4.938	2.017	1.117	.491	.200	.131	.079		
402	213	1940		23.208	10.455	3.614	1.582	.731	.330	.243	.166	.131		
402	214	135		38.327	12.267	3.274	1.556	.643	.295	.186	.202	.114		
402	214	630		31.294	12.105	3.827	1.488	.827	.286	.189	.153	.129		
402	214	1140		28.459	10.805	4.454	1.947	.567	.312	.171	.156	.093		
502	225	1858		180.674	30.829	13.454	4.705	2.875	1.967	9.448	2.826	1.489		
502	226	25		98.959	17.348	7.693	3.449	1.741	1.484	.690	.462	.409		
502	228	2120		1958.463	479.255	143.553	61.116	27.935	23.083	10.262	9.049	6.998		
502	229	535		88.281	14.823	11.330	3.165	1.851	.999	.819	.387	.204		
502	229	1200		122.672	21.799	9.659	3.882	1.818	1.606	1.366	1.229	1.170		
502	229	1520		202.000	34.088	14.442	7.250	3.711	2.595	2.056	1.856	2.440		
602	239	2040		456.180	129.859	50.063	18.597	7.843	3.662	1.921	1.583	1.250		
602	240	250		413.977	169.228	45.088	11.984	6.775	2.421	1.143	.993	.449		
602	240	840		386.498	143.858	49.781	13.462	5.504	2.714	1.732	1.313	1.829		
602	240	1205		880.498	391.985	63.545	23.923	13.207	4.092	1.754	1.389	1.004		
702	247	2305		606.000	159.200	74.630	47.847	77.724	37.992	24.140	9.665	6.311		
702	248	415		451.886	148.235	65.168	22.004	20.099	18.974	15.336	7.866	4.210		
702	248	820		451.886	132.802	64.751	47.340	41.212	28.488	24.831	10.766	6.106		
702	248	1335		638.780	201.428	97.385	55.915	43.489	40.797	24.267	10.471	6.903		
802	260	2340		728.321	869.540	270.372	133.089	87.293	58.813	26.217	14.105	9.735		
802	261	520		903.371	905.435	418.444	198.912	98.191	75.892	34.853	15.431	11.448		
802	261	1015		451.886	819.457	768.380	340.780	121.200	94.980	34.480	13.710	5.020		
802	261	1538		451.886	871.974	438.823	401.117	142.742	91.788	39.214	22.189	10.999		
802	262	2319		1010.888	398.888	375.619	410.205	141.901	99.016	24.649	13.983	10.249		
802	263	488		349.874	221.987	276.483	72.584	47.988	38.181	14.983	7.298	5.945		
802	263	918		20.200	266.872	158.965	68.824	96.443	29.678	10.470	6.195	4.434		
802	263	1345		2498.146	1268.615	582.028	241.988	281.643	183.888	98.854	41.979	18.919		

NOISE AMPLITUDES

Station Extension Channel1	Day	Hour	Band Center Freq. CPS	.25	.4	.571	.728	.89	1.11	1.43	1.82	2.22	2.96	4.0
			Band Center Period Sec.	4.0	2.5	1.75	1.375	1.125	.9	.7	.55	.45	.35	.25
103	164	2239		54.577	26.787	6.809	3.088	1.449	.639	.326	.217	.121		
103	165	505		70.266	36.674	6.199	2.778	1.178	.610	.324	.196	.847		
103	165	950		76.844	29.829	6.635	2.495	1.278	.521	.323	.166	.110		
103	165	1505		69.495	28.058	6.854	2.456	1.428	.581	.311	.194	.114		
103	165	15		57.644	20.795	5.671	2.179	1.058	.409	.192	.084	.864		
203	188	1905		20.200	9.232	2.809	1.346	.625	.289	.165	.097	.138		
203	189	728		12.452	4.987	1.895	.728	.432	.215	.113	.061	.086		
203	189	816		12.934	5.822	1.895	.829	.586	.223	.121	.058	.049		
203	189	1310		16.901	7.164	2.599	1.128	.593	.392	.141	.080	.059		
203	189	1645		19.163	8.039	2.167	.983	.590	.316	.177	.109	.072		
203	190	13		13.995	5.174	1.862	.883	.501	.346	.169	.111	.088		
203	190	600		9.730	2.585	.889	.384	.198	.124	.077	.058	.036		
203	190	1150		7.901	2.049	.796	.421	.245	.132	.074	.038	.041		
303	198	1910		14.986	7.728	3.289	1.182	.540	.233	.140	.081	.077		
303	199	149		17.494	10.783	3.480	1.319	.640	.209	.135	.097	.044		
303	199	745		18.099	9.492	2.536	1.181	.533	.213	.112	.078	.095		
303	199	1340		18.067	7.186	2.433	.981	.561	.276	.116	.074	.096		
303	200	2252		15.995	5.235	1.762	.698	.347	.166	.120	.072	.065		
303	201	429		9.190	2.903	.822	.459	.196	.095	.061	.034	.039		
303	201	850		12.120	3.733	1.366	.613	.331	.146	.123	.070	.059		
303	201	1435		10.100	4.538	1.144	.547	.321	.146	.112	.085	.066		
303	204	1533		19.163	6.648	2.169	1.269	.628	.258	.141	.094	.075		
303	204	2140		14.844	4.789	1.694	.791	.500	.248	.148	.069	.059		
303	205	700		25.391	10.515	2.961	1.398	.798	.333	.170	.077	.065		
303	205	1215		28.998	11.915	3.395	1.571	.891	.312	.159	.100	.043		
403	213	1940		19.163	9.111	3.272	1.393	.716	.334	.224	.150	.133		
403	214	135		17.840	6.836	1.939	1.092	.516	.226	.177	.145	.110		
403	214	630		22.943	9.266	3.171	1.293	.429	.265	.139	.150	.103		
403	214	1140		18.067	7.488	3.214	1.362	.486	.228	.141	.155	.078		
503	225	1858		3550.836	173.493	95.136	44.942	23.665	11.880	10.881	4.191	4.377		
503	226	25		139.958	29.247	9.586	4.273	2.386	1.574	1.123	.885	.816		
503	228	2120		1219.362	289.671	82.852	23.224	14.678	11.131	11.711	7.293	4.854		
503	229	535		141.256	28.163	10.528	3.579	2.127	1.418	.838	.554	.463		
503	229	1200		219.428	29.784	13.659	5.881	3.163	1.919	1.564	1.154	1.116		
503	229	1520		2498.602	460.716	137.618	64.958	34.547	16.662	11.032	9.159	6.736		
603	239	2040		259.512	74.459	35.752	12.121	5.725	2.336	1.240	.924	.794		
603	240	250		244.078	88.101	26.596	8.063	4.328	1.902	.844	.443	.362		
603	240	840		336.481	132.361	35.791	13.008	6.298	2.893	1.961	1.408	.942		
603	240	1205		669.749	377.576	76.927	23.923	13.833	5.012	1.754	1.252	1.004		
703	247	2305		534.442	142.002	92.771	31.119	46.195	20.865	16.262	6.682	4.377		
703	248	415		571.342	232.072	104.841	36.402	28.804	34.722	25.506	11.159	6.271		
703	248	820		534.442	268.987	116.217	83.895	88.980	52.275	42.650	22.354	13.471		
703	248	1335		312.937	109.697	70.888	32.429	34.840	28.790	15.645	7.613	5.870		
803	260	2340		494.797	409.766	191.000	124.474	64.986	33.744	17.936	8.349	6.350		
803	261	520		903.371	395.982	272.935	265.617	128.815	57.870	24.527	9.282	6.350		
803	261	1015		451.886	533.973	606.926	240.756	121.403	36.884	24.649	7.914	5.020		
803	261	1538		1158.480	717.915	643.994	196.411	74.654	34.236	27.449	12.914	10.999		
803	262	2319		430.786	281.498	230.932	203.981	119.519	39.249	16.484	6.898	3.000		
803	263	488		209.671	119.491	135.572	52.071	46.287	22.783	12.462	4.766	2.844		
803	263	918		209.671	129.898	76.638	43.003	35.288	15.936	8.962	3.798	2.799		
803	263	1345		20.200	489.987	288.842	98.197	212.216	149.982	77.739	30.497	13.471		

104	164	2239		48.227	20.984	6.854	2.966	1.185	.442	.301	.231	.146		
104	165	505		83.431	28.143	5.385	2.687	1.122	.492	.370	.220	.093		
104	165	950		53.825	28.920	6.131	2.281	1.275	.629	.355	.198	.142		
104	165	1505		64.514	27.517	6.799	2.619	1.490	.543	.342	.196	.140		
104	165	15		70.554	25.732	7.071	2.496	1.187	.445	.218	.128	.103		
204	188	1905		23.986	10.753	3.964	1.288	.889	.259	.170	.158	.149		
204	189	220		19.585	7.630	2.839	1.163	.584	.277	.134	.088	.041		
204	189	816		17.494	8.147	2.800	1.190	.897	.275	.175	.104	.064		
204	189	1310		20.273	9.577	2.986	1.411	.882	.391	.164	.089	.077		
204	189	1645		22.943	9.919	2.670	1.118	.514	.298	.150	.079	.068		
204	190	13		21.662	8.864	2.933	1.454	.817	.301	.178	.128	.094		
204	190	600		17.137	6.867	.644	.238	.137	.085	.051	.030	.025		
204	190	1150		7.771	1.703	.542	.293	.169	.074	.039	.024	.018		
304	198	1910		18.841	10.180	3.931	1.914	.791	.325	.165	.118	.095		
304	199	149		22.584	13.349	4.332	1.680	.711	.281	.164	.108	.079		
304	199	745		23.730	11.597	3.168	1.968	.771	.275	.166	.085	.078		
304	199	1340		24.240	9.902	3.947	1.431	.671	.346	.149	.086	.088		
304	200	2252		21.580	7.445	2.445	1.113	.568	.299	.144	.107	.063		
304	201	425		21.186	8.905	1.978	.642	.370	.156	.121	.071	.053		
304	201	1435		18.514	8.396	2.564	.981	.547	.204	.142	.115	.104		
304	204	1533		28.710	9.774	2.815	1.543	.732	.293	.161	.101	.097		
304	204	2140		29.981	9.708	2.678	1.291	.648	.321	.174	.086	.077		
304	205	700		27.776	12.617	3.679	1.446	.852	.414	.194	.106	.063		
304	205	1215		33.444	14.765	4.757	1.713	1.092	.441	.196	.128	.090		
404	213	1940		17.610	8.536	3.059	1.348	.649	.265	.174	.165	.128		
404	214	135		41.399	19.183	4.608	.748	.934	.384	.239	.224	.192		
404	214	630		24.488	9.914	3.440	1.440	.959	.272	.193	.165	.130		
404	214	1140		31.518	9.465	4.018	1.551	.576	.277	.160	.138	.092		
504	225	1858		57.134	12.586	9.731	3.156	2.185	2.647	3.765	1.923	.892		
504	226	25		31.284	9.910	5.769	2.912	1.142	.670	.437	.420	.415		
504	228	2120		1914.327	207.189	99.633	38.518	24.982	11.945	9.419	6.151	4.196		
504	229	535		41.398	9.076	7.907	2.523	1.828	.680	.458	.277	.159		
504	229	1200		40.400	7.880	7.001	2.971	1.880	1.032	.774	.825	.801		
504	229	1520		86.000	18.668	8.981	3.929	1.984	1.728	1.283	1.282	1.338		
604	239	2040		267.221	82.958	41.636	14.937	6.354	2.860	1.386	1.047	.925		
604	240	250		259.474	92.958	29.852	9.261	5.067	1.919	.784	.401	.348		
604	240	840		306.349	149.978	41.846	12.336	5.749	2.241	1.640	1.086	.910		
604	240	1205		638.780	289.797	95.473	21.040	10.849	2.922	1.837	.702	.635		
704	247	2305		494.797	112.571	92.771	36.402	52.484	31.895	26.802	11.184	6.311		
704	248	415		349.874	197.321	84.152	37.824	25.450	17.381	17.182	9.869	4.883		
704	248	820		699.749	177.991	84.831	49.823	41.539	34.236	27.167	14.270	8.782		
704	248	1335		494.888	248.713	76.473	36.442	33.192	31.988	25.884	12.787	7.139		
804	260	2340		534.442	188.387	236.883	116.989	74.825	32.991	20.747	11.585	8.529		
804	261	520		638.780	435.987	389.861	238.737	112.860	82.729	28.815	13.275	9.787		
804	261	1015		451.886	788.791	765.247	358.938	108.827	46.696	32.982	10.877	7.778		
804	261	1538		451.886	974.897	928.858	176.633	87.753	31.184	28.276	10.825	6.736		
804	262	2319		451.886	88.996	338.811	230.780	104.824	40.386	28.186	11.774	7.188		
804	263	488		349.874	188.387	140.798	67.861	35.884	29.892	14.123	5.781	3.797		
804	263	918		349.874	144.948	68.678	58.123	32.876	22.158	10.338	5.781	3.883		
804	263	1345		1910.388	856.619	482.810	284.744	240.441	198.811	72.777	32.983	17.991		

105	164	2239		57.134	29.863	7.264	3.165	1.246	.612	.386	.253	.123		
105	165	505		84.261	34.221	5.971	2.712	1.212	.642	.342	.177	.844		
105	165	950		41.398	34.145	7.180	2.951	1.418	.697	.428	.194	.114		
105	165	1505		48.448	29.186	6.888	2.940	1.487	.514	.388	.179	.117		
105	165	15		17.377	8.471	3.474	1.341	.679	.336	.188	.131	.095		
205	188	1910		18.292	11.945	3.471	1.469	.801	.258	.141	.099	.072		
205	189	149		18.733	9.435	2.764	1.412	.888	.292	.152	.092	.069		
205	189	745		21.186	8.386	3.240	1.245	.573	.292	.130	.082	.079		
205	189	1340		17.994	9.866	1.624	.715	.316	.142	.098	.058	.047		
205	189	2252		23.068	7.035	2.034	.829	.429	.190	.130	.088	.049		
205	201	850		15.517	5.290	1.495	.729	.341	.182	.129	.081	.061		
205	201	1435		16.411	5.754	1.690	.688	.380	.190	.098	.082	.076		
205	204	1533		23.730	7.614	2.351	1.182	.608	.240	.154	.081	.070		
205	204	2140		24.324	8.079	2.598	.987	.572	.262	.158	.083	.065		
205	205	700		25.951	10.926	3.297	1.351	.788	.343	.169	.087	.060		
205	205	1215		33.192	11.243	3.179	1.328	.754	.326	.137	.074	.054		
405	213	1940		22.584	9.076	3.189	1.460	.621	.342	.207	.202	.173		
405	214	135		27.844	10.869	2.938	1.315	.391	.264	.200	.156	.131		
405	214	630		25.311	9.342	3.149	1.359	.589	.274	.192	.142	.110		
405	214	1140		29.493	8.595	3.498	1.743	.678	.298	.209	.133	.102		
505	225	1858		28.567	8.900	6.463	2.523	1.664	1.902	3.838	1.634	.784		
505	226	25		31.284	9.867	5.589	2.981	1.134	.837	.388	.413	.362		
505	228	2120		28.567	3.980	1.188	2.438	2.545	4.213	6.225	2.895	1.260		
505	229	535		28.567	5.943	4.971	1.961	.976	.614	.378	.217	.142		
505	229	1200		32.572	7.120	5.472	2.072	1.663	1.039	.767	.692	.607		
505	229	1520		45.189	9.749	7.738	2.938	1.793	1.920	1.265	1.422	1.373		
605	239	2040		303.000	84.429	44.389	12.886	7.297	2.692	1.414	.986	.926		
605	240	250		286.827	92.829	28.899	8.088	5.914	2.185	.877	.514	.438		
605	240	840		418.478	211.548	41.279	17.111	8.409	3.110	1.818	1.342	1.180		
605	240	1205		885.120	428.807	81.194	25.769	14.244	5.174	1.864	1.252	1.179		
705	247	2305		571.342	142.002	91.635	33.088	45.752	20.796	23.284	7.816	5.266		
705	248	415		321.780	95.891	49.786	19.684	14.980	15.179	13.564	6.383	3.143		
705	248	820		494.797	144.252	57.888	41.375	34.882	26.940	24.484	11.068	6.311		
705	248	1335		494.888	208.941	68.805	34.492	32.634	24.278	20.838	10.471	6.879		
805	260	2340		494.888	530.988	242.533	143.087	74.972	35.465	20.189	11.774	9.889		
805	261	520		451.886	332.991	299.309	309.187	127.829	58.989	29.809	10.471	9.787		
805	261	1015		1908.743	734.876	870.834	363.888	127.827	38.446	24.649	8.898	5.020		
805	261	1538		451.886	1816.765	791.588	228.241	94.898	35.473	29.274	11.858	12.581		
805	262	2319		451.886	281.498	280.821	247.038	124.592	48.417	19.484	8.898	5.980		
805	263	488		20.200	188.387	198.847	78.177	34.286	27.882	19.868	6.826	4.840		
805	263	918		140.636	180.878	140.854	61.375	34.882	29.849	24.484	11.068	6.311		
805	263	1345		20.200	862.843	728.888	318.479	229.246	143.882	98.273	37.986	19.717		

APPALACHIAN MASTER STATION

NOISE AMPLITUDES

Station Extension Channel	Day	Hour	Band Center Freq. CPS	.25	.4	.571	.728	.89	1.11	1.43	1.82	2.22	2.96	4.0
			Band Center Period Sec.	4.0	2.5	1.75	1.375	1.125	.9	.7	.55	.45	.35	.25
882	164	2212		67.482	29.404	5.829	1.918	.986	.443	.219	.196	.095		
882	165	510		94.977	28.488	5.224	1.925	.846	.425	.229	.122	.103		
882	165	927		49.273	18.561	5.889	1.741	.948	.354	.194	.119	.078		
882	165	1540		46.481	19.089	5.841	1.822	.879	.337	.188	.119	.071		
882	165	1945		43.793	14.819	3.637	1.598	.784	.301	.245	.153	.102		
882	166	11		36.409	19.978	4.845	1.411	.587	.290	.141	.097	.071		
882	166	835		28.499	8.728	3.317	1.403	.624	.292	.147	.097	.068		
882	166	1431		21.282	7.748	2.644	1.211	.646	.266	.219	.168	.129		
882	166	1934		19.777	4.874	2.644	.984	.367	.158	.094	.067	.062		
882	169	238		12.934	4.641	1.766	.756	.312	.116	.073	.058	.042		
882	169	918		11.247	4.314	1.433	.643	.291	.119	.048	.046	.055		
882	169	1931		14.426	4.825	1.592	.676	.375	.160	.103	.071	.066		
882	190	12		13.091	4.709	2.048	.696	.468	.173	.094	.075	.057		
882	190	949		12.128	5.076	2.851	.996	.482	.174	.116	.068	.058		
882	190	1132		16.779	6.255	2.108	.984	.484	.196	.104	.061	.060		
882	190	1501		23.298	7.952	2.506	1.139	.956	.248	.141	.111	.093		
882	198	1811		17.729	9.894	3.514	1.281	.668	.247	.146	.112	.076		
882	199	130		14.284	7.946	2.445	1.068	.529	.207	.093	.069	.049		
882	199	835		23.597	6.945	2.292	1.126	.615	.265	.128	.074	.070		
882	199	1515		23.736	7.916	3.247	1.301	.938	.213	.096	.164	.079		
882	201	125		16.534	9.019	1.627	.751	.389	.123	.084	.079	.041		
882	201	428		19.965	9.064	1.618	.719	.339	.131	.078	.078	.056		
882	201	925		13.399	4.314	1.473	.665	.278	.144	.089	.067	.046		
882	201	1435		17.281	4.867	1.539	.768	.316	.132	.076	.078	.041		
882	204	1935		28.281	7.463	2.742	1.197	.631	.184	.102	.070	.044		
882	204	2105		27.826	7.901	2.228	1.113	.521	.240	.124	.078	.066		
882	205	745		27.423	8.984	2.446	1.329	.616	.285	.110	.078	.057		
882	205	1329		26.182	8.976	3.448	1.783	.781	.259	.120	.096	.063		
882	214	45		13.091	5.486	2.239	1.137	.495	.166	.076	.092	.053		
882	214	610		11.484	4.488	1.798	.797	.458	.153	.083	.057	.049		
882	214	1155		17.021	4.907	2.157	1.119	.484	.163	.088	.071	.045		
882	225	1021		22.128	6.917	2.383	1.029	.572	.184	.083	.068	.055		
882	226	41		19.944	6.293	2.864	1.089	.498	.174	.083	.064	.060		
882	228	2105		22.128	9.486	2.823	.979	.498	.195	.107	.082	.079		
882	229	510		19.276	4.874	1.957	.939	.448	.165	.090	.059	.064		
882	229	1308		16.411	5.239	2.711	1.148	.567	.288	.111	.075	.071		
882	229	1720		16.286	9.348	2.495	1.166	.543	.217	.095	.091	.080		
882	239	2208		74.984	12.267	4.295	1.784	.882	.312	.124	.086	.064		
882	240	234		83.531	19.183	3.637	2.071	.776	.298	.111	.070	.071		
882	240	815		106.546	29.807	5.264	2.981	.636	.295	.124	.089	.071		
882	240	1235		190.566	36.206	5.467	2.071	.711	.289	.124	.089	.071		
882	247	2340		38.897	9.869	1.964	1.013	.467	.173	.118	.083	.079		
882	248	335		38.981	7.962	2.583	1.092	.439	.182	.104	.091	.061		
882	248	828		24.697	9.543	2.868	.988	.488	.199	.109	.086	.074		
882	248	1315		22.128	7.541	2.435	1.018	.498	.204	.104	.087	.049		
882	248	2308		23.815	10.679	2.957	1.247	.592	.247	.153	.123	.087		
882	261	918		29.273	10.980	3.618	1.645	.691	.296	.164	.128	.067		
882	261	1828		33.941	9.582	3.798	1.905	.889	.317	.147	.122	.079		
882	261	1918		87.844	18.267	5.824	1.892	.807	.278	.171	.128	.067		
882	262	2336		21.682	8.195	2.866	1.088	.968	.198	.076	.064	.042		
882	264	448		21.948	9.340	2.847	1.198	.529	.163	.073	.063	.038		
882	264	928		38.228	9.197	3.488	1.897	.963	.288	.098	.066	.046		
882	264	1415		38.866	8.936	3.339	1.807	.817	.244	.102	.076	.038		

NOISE AMPLITUDES

Station Extension Channel	Day	Hour	Band Center Freq. CPS	.25	.4	.571	.728	.89	1.11	1.43	1.82	2.22	2.96	4.0
			Band Center Period Sec.	4.0	2.5	1.75	1.375	1.125	.9	.7	.55	.45	.35	.25

6.6 Tape and Film Stored in Office

The following listings of magnetic tape and 16 mm film recordings collected during this project and stored in the office are included for future reference. The identifying code reserves the first two digits for the year, the following three digits for the day from the beginning of the year, and the last four digits for the hour of the day. Records from slave stations have an SS preceding the code, while those from the master station have the symbol MS.

TAPE and FILM

STORED IN OFFICE

MASTER STATION		SLAVE STATION	
TAPE	**FILM**	**TAPE**	**FILM**
61 880305 - 61 890010	61 831909 - 61 880434 61 881243 - 61 882323	61 83 - 61 89	61 88 - 61 89
61 931845 - 61 941656		61 931845 - 61 950036	61 931845 - 61 950036
61 972040 - 61 980009	61 972040 - 61 1002133	61 972030 - 61 980018	61 972030 - 61 980018
61 1002100 - 61 1011915	61 1002322 - 61 1011915	61 1002100 - 61 1011915	61 1002100 - 61 1011915
61 1012045 - 61 1022050	61 1012045 - 61 1022050	61 1012045 - 61 1022040	61 1012045 - 61 1022040
61 1072000 - 61 1090122	61 1072020 - 61 2117 61 1072145 - 61 1090122	61 1072140 - 61 1082330	61 1072140 - 61 1082330
61 1090225 - 61 2400	61 1090225 - 61 2400	61 1090025 - 61 2335	61 1090025 - 612335
61 1100050 - 61 1530	61 1100050 - 61 1530	61 1100015 - 61 2300	61 1100015 - 61 2300
61 1110243 - 61 2123	61 1110243 - 61 2123	61 1102325 - 61 1112000	61 1102325 - 61 1112000
61 1141735 - 61 1151930	61 1141735 - 61 1151930	61 1141815 - 61 1151930	61 1141815 - 61 1151930
61 1160125 - 61 2150	61 1160125 - 61 2150	61 1152020 - 61 1161930	61 1152020 - 61 1161930
61 1170600 - 61 1180813	61 1170600 - 61 1180813	61 1171750 - 61 1182300	61 1171750 - 61 1182300
61 1180900 - 61 2320	61 1180900 - 61 2320		
61 1212210 - 61 1222315	61 1212210 - 61 1222315	61 1211700 - 61 1222045	61 1211700 - 61 1222045
61 1222345 - 61 1232350	61 1222345 - 61 1232350	61 1222135 - 61 1232006	61 1222135 - 61 1232006
61 1240045 - 61 2333	61 1240045 - 61 2333	61 1232030 - 61 1241600	61 1232030 - 61 1241600
		61 1351752 - 61 1361925	61 1351703 - 61 1361925
61 1370315 - 61 2230	61 1370315 - 61 1380610	61 1361955 - 61 1372147	61 1361955 - 61 1372147
61 1380511 - 61 0610			
61 1380755 - 61 1390940	61 1380755 - 61 1390940	61 1380138 - 61 1915	61 1380138 - 61 1915
		61 1382330 - 61 1391923	61 1382330 - 61 1391923
61 1391030 - 61 1401100	61 1391030 - 61 1401100		

TAPE AND FILM (Continued)

MASTER STATION		SLAVE STATION	
TAPE	FILM	TAPE	FILM
61 1401505 - 61 1606	61 1401505 - 61 1401606		
61 1422004 - 61 1432130	61 1422004 - 61 1432130	61 1422235 - 61 1432110	61 1422235 - 61 1432110
61 1432240 - 61 1450030	61 1432240 - 61 1450030	61 1432145 - 61 1442015	61 1432145 - 61 1442015
61 1450130 - 61 1460400	61 1450130 - 61 1460400	61 1442055 - 61 1451910	61 1442055 - 61 1451910
61 1460445 - 61 1470730	1460445 - 61 1470730	61 1452000 - 61 1461900	61 1452000 - 61 1461900
61 1520000 - 61 2350	61 1520000 - 61 2350	61 1511750 - 61 1521925	61 1511750 - 61 1521925
61 1530028 - 61 2200	61 1530028 - 61 2200	61 1521955 - 61 1531900	61 1521955 - 61 1531900
61 1572310 - 61 1630022	61 1572310 - 61 1580011		
	61 1582000 - 61 2155		
	61 1622330 - 61 1630022		
61 1632130 - 61 1642105	61 1632130 - 61 1642105	61 1631803 - 61 1641826	61 1631803 - 61 1641826
61 1642220 - 61 1652135	61 1642220 - 61 1652135	61 1641901 - 61 1651720	61 1641901 - 61 1651753
61 1660040 - 61 1662130	61 1660040 - 61 1662130	61 1651833 - 61 1661745	61 1651833 - 61 1661745
61 1670045 - 61 1672137	61 1670045 - 61 1672137	61 1661818 - 61 1670050	61 1661818 - 61 1671230
61 1720045 - 61 1722030	61 1720045 - 61 1722030		
61 1722140 - 61 1732100	61 1722140 - 61 1732100	61 1722145 - 61 1731900	61 1722145 - 61 1731900
61 1740050 - 61 1742103	61 1740050 - 61 1742103	61 1732000 - 61 1741900	61 1732000 - 61 1741900
61 1772215 - 61 1782215	61 1772215 - 61 1782215	61 1772049 - 61 1781815	61 1772049 - 61 1781815
61 1782339 - 61 1792120	61 1782339 - 61 1792120	61 1781850 - 61 1791800	61 1781850 - 61 1791800
61 1792215 - 61 1802115	61 1792215 - 61 1802115	61 1792055 - 61 1801910	61 1792055 - 61 1801910
61 1802240 - 61 1812100	61 1802240 - 61 1812100	61 1802020 - 61 1811900	61 1802020 - 61 1811900
61 1862220 - 61 1872110	61 1862220 - 61 1872110	61 1861738 - 61 1871745	61 1861738 - 61 1871745
61 1872315 - 61 1882145	61 1872315 - 61 1882145	61 1871820 - 61 1881900	61 1871820 - 61 1881900
61 1911756 - 61 1922056	61 1911756 - 61 1922056		
61 1940085- 61 1942231	61 1940085- 61 1942231		
61 1942340 - 61 1951945	61 1942340 - 61 1951945	61 1941830 - 61 1951900	61 1941830 - 61 1951900
61 1981655 - 61 1991447	61 1981655 - 61 1991447	61 1981735 - 61 1991700	61 1981735 - 61 1991700
61 1991700 - 61 2001511	61 1991700 - 61 2001511	61 1991842 - 61 2001500	61 1991842 - 61 2001500

TAPE AND FILM (Continued)

MASTER STATION		SLAVE STATION	
TAPE	FILM	TAPE	FILM
61 2001625 - 61 2011547	61 2001625 - 61 2011547	61 2001530 - 61 2011513	61 2001530 - 61 2011513
61 2011745 - 61 2021955	61 2011745 - 61 2021955	61 2011540 - 61 2021800	61 2011540 - 61 2021830
61 2051700 - 61 2061707	61 2051700 - 61 2061707	61 2051605 - 61 2061440	61 2051605 - 61 2061440
61 2061935 - 61 2071700	61 2061935 - 61 2071700	61 2061735 - 61 2071559	61 2061735 - 61 2071559
61 2071910 - 61 2081555	61 2071910 - 61 2081555	61 2071640 - 61 2081530	61 2071640 - 61 2081530
61 2081920 - 61 2092120	61 2081920 - 61 2092120	61 2081600 - 61 2091725	61 2081600 - 61 2091725
61 2122118 - 61 2131855	61 2122118 - 61 2131855	61 2121541 - 61 2131800	61 2121541 - 61 2131800
	61 2141715 - 61 2141815		
	61 2152005 - 61 2231		
	61 2171900 - 61 2225		
	61 2201630 - 61 1745		
	61 2211835 - 61 1853		
61 2221625 - 61 2231550	61 2221625 - 61 2231550	61 2221643 - 61 2230424	61 2221643 - 61 2230424
61 2251600 - 61 2261819	61 2251600 - 61 2261819		
61 2261930 - 61 2271730	61 2261930 - 61 2271730		
61 2271905 - 61 2281808	61 2271905 - 61 2281808	61 2271803 - 61 2281603	61 2271803 - 61 2281603
61 2281920 - 61 2291700	61 2281920 - 61 2291700	61 2281705 - 61 2291800	61 2281705 - 61 2291800
61 2331854 - 61 2341653	61 2331854 - 61 2341653	61 2331905 - 61 2332034	61 2331905 - 61 2332034
61 2341929 - 61 2342016	61 2341929 - 61 2342016		
		61 2430030 - 61 2431840	61 2430030 - 61 2431840
61 2432333 - 61 2442226	61 2432333 - 61 2442226	61 2431905 - 61 2442200	61 2431905 - 61 2442200
61 2482325 - 61 2491810	61 2482325 - 61 2491810	61 2481810 - 61 2492000	61 2481810 - 61 2492000
61 2491855 - 61 2501756	61 2491855 - 61 2501756	61 2492130 - 61 2501907	61 2492130 - 61 2501907
61 2502045 - 61 2512002	61 2502045 - 61 2512002	61 2502005 - 61 2512000	61 2502005 - 61 2512000
61 2542050 - 61 2551735	61 2542050 - 61 2551735	61 2541725 - 61 2551700	61 2541725 - 61 2551700
61 2551952 - 61 2562120	61 2551952 - 61 2562120	61 2551730 - 61 2561700	61 2551730 - 61 2561700
61 2570100 - 61 2580620	61 2570100 - 61 2580620	61 2561915 - 61 2580630	61 2561915 - 61 2580630
61 2580700 - 61 2590619	61 2580700 - 61 2590619	61 2580700 - 61 2590632	61 2580700 - 61 2590632
61 2590700 - 61 2600712	61 2590700 - 61 2600712	61 2490655 - 61 2600646	61 2590655 - 61 2600646

TAPE AND FILM (Continued)

MASTER STATION		SLAVE STATION	
TAPE	FILM	TAPE	FILM
61 2611835 - 61 2621621	61 2611835 - 61 2621621	61 2611715 - 61 2621700	61 2611715 - 61 2621700
61 2621702 - 61 2631808	61 2621702- 61 2631808	61 2621730 - 61 2631700	61 2621730 - 61 2631700
61 2631854 - 61 2641710	61 2631854 - 61 2641710	61 2631730 - 61 2641730	61 2631730 - 61 2641730
61 2641830 - 61 2652004	61 2641830 - 61 2652004		
61 2681800 - 61 2692031	61 2681800 - 61 2692031		
61 2692115 - 61 2702315	61 2692115 - 61 2702315		
61 2702356 - 61 2720206	61 2702356 - 61 2720206	61 2701858 - 61 2722045	61 2701858 - 61 2722045
61 2720258 - 61 2722320	61 2720258 - 61 2722320		
2730005 - 61 2732345	61 2730005 - 61 2732345	61 2722105 - 61 2732000	61 2722105 - 61 2732000
61 2751840 - 61 2761740	61 2751840 - 61 2761740	61 2751815 - 61 2761800	61 2751815 - 61 2761800
61 2761855 - 61 2771800	61 2761855 - 61 2771800	61 2761830 - 61 2771545	61 2761830 - 61 2771545
61 2781925 - 61 2791935	61 2781925 - 61 2791935		
61 2771955 - 61 2781755	61 2771955 - 61 2781755		
61 2812140 - 61 2821450	61 2812140 - 61 2821450		
61 2831541 - 61 2841805	61 2831541 - 61 2841805	61 2831536 - 61 2841810	61 2831536 - 61 2841810
61 2841955 - 61 2851805	61 2841955 - 61 2851805	61 2841800 - 61 2852030	61 2841800 - 61 2852030
61 2851945 - 61 2862020	61 2851945 - 61 2862020	61 2852300 - 61 2862037	61 2852300 - 61 2862037
61 2891855 - 61 2901725	61 2891855 - 61 2901725	61 2891825 - 61 2901800	61 2891825 - 61 2901800
61 2901805 - 61 2911715	61 2901805 - 61 2911715	61 2901930 - 61 2911800	61 2901930 - 61 2911800
61 2911755 - 61 2921725	61 2911755 - 61 2921725	61 2911830 - 61 2921730	61 2911830 - 61 2921730
61 2922050 - 61 2932005	61 2922050 - 61 2932005	61 2921925 - 61 2931930	61 2921925 - 61 2931930
61 2961835 - 61 2971700	61 2961835 - 61 2971700	61 2962025 - 61 2971800	61 2962025 - 61 2971800
61 2971740 - 61 2981600	61 2971740 - 61 2981600	61 2971940 - 61 2981730	61 2971940 - 61 2981730
61 3011630 - 61 3021500	61 3011630 - 61 3021500	61 3001919 - 61 3021635	61 3001919 - 61 3021635
61 3021545 - 61 3031700	61 3021545 - 61 3031700	61 3021730 - 61 3031737	61 3021730 - 61 3031737
61 3031735 - 61 3041720	61 3031735 - 61 3041720	61 3032025 - 61 3041800	61 3032025 - 61 3041800
61 3041910 - 61 3051640	61 3041910 - 61 3051640	61 3041855 - 61 3051800	61 3041855 - 61 3051800
61 3051715 --61 3061705	61 3051715 - 61 3061705	61 3051830 - 61 3061830	61 3051830 - 61 3061830
61 3061755 - 61 3071615	61 3061755 - 61 3071615	61 3062000 - 61 3071800	61 3062000 - 61 3071800

TAPE AND FILM (Continued)

MASTER STATION		SLAVE STATION	
TAPE	FILM	TAPE	FILM
61 3101810 - 61 3111650	61 3101810 - 61 3111650	61 3101910 - 61 3111800	61 3101910 - 61 3111800
61 3111730 - 61 3121710	61 3111730 - 61 3121710	61 3111840 - 61 3121700	61 3111840 - 61 3121700
61 3121830 - 61 3131655	61 3121830 - 61 3131655	61 3121850 - 61 3131800	61 3121850 - 61 3131800
61 3131735 - 61 3141720	61 3131735 - 61 3141720	61 3131830 - 61 3141700	61 3131830 - 61 3141700
61 3332350 - 61 3342110	61 3332350 - 61 3342110	61 3331856 - 61 3342108	61 3331856- 61 3342108
61 3342145 - 61 3352300	61 3342145 - 61 3352300	61 3342140 - 61 3352120	61 3342140 - 61 3352120
61 3361720 - 61 3362005	61 3361720 - 61 3362005	61 3361720 - 61 3362005	61 3361720 - 61 3362005
61 3371925 - 61 3381720	61 3371925 - 61 3381720	61 3372000 - 61 3381720	61 3372000 - 61 3381720
61 3381945 - 61 3391730	61 3381945 - 61 3391730		
61 3391850 - 61 3402137	61 3391850 - 61 3402137		
61 3402225 - 61 3412120	61 3402225 - 61 3412120		
61 3412158 - 61 3422300	61 3412158 - 61 3422300	61 3412105 - 61 3422321	61 3412105 - 61 3422321
61 3441340 - 61 3451535	61 3441340 - 61 3451535	61 3441400 - 61 3451618	61 3441400 - 61 3451618
61 3451615 - 61 3461740	61 3451615 - 61 3461740	61 3451845 - 61 3461800	61 3451845 - 61 3461800
61 3461855 - 61 3472000	61 3461855 - 61 3472000	61 3461915 - 61 3472020	61 3461915 - 61 3472020
61 3472045 - 61 3482212	61 3472045 - 61 3482212	61 3472040 - 61 3481800	61 3472040 - 61 3481800
61 3482300 - 61 3491750	61 3482300 - 61 3491750	61 3481840 - 61 3491800	61 3481840 - 61 3491800
61 3491825 - 61 3502030	61 3491825 - 61 3502030	61 3492030 - 61 3501900	61 3492030 - 61 3501900
61 3502115 - 61 3511920	61 3502115 - 61 3511920	61 3501930 - 61 3511900	61 3501930 - 61 3511900
61 3512000 - 61 3521913	61 3512000 - 61 3521913	61 3512010 - 61 3521800	61 3512010 - 61 3521800
61 3521955 - 61 3531815	61 3521955 - 61 3531815	61 3521820 - 61 3531800	61 3521820 - 61 3531800
61 3531855 - 61 3541519	61 3531855 - 61 3541519	61 3531955 - 61 3541900	61 3531955 - 61 3541900
61 3542150 - 61 3551835	61 3542150 - 61 3551835	61 3542025 - 61 3551800	61 3542025 - 61 3551800
61 3551910 - 61 3562205	61 3551910 - 61 3562205	61 3551840 - 61 3562006	61 3551840 - 61 3562006
61 3562245 - 61 3572010	61 3562245 - 61 3572010	61 3562045 - 61 3571830	61 3562045 - 61 3571830
62 0082209 - 62 0092245	62 0082209 - 62 0092245	62 81940 - 62 91900	62 81940 - 62 91900
62 0092325 - 62 0102310	62 0092325 - 62 0102310	62 92020 - 62 101800	62 92020 - 62 101800

TAPE AND FILM (Continued)

MASTER STATION		SLAVE STATION	
TAPE	**FILM**	**TAPE**	**FILM**
62 0102235 - 62 0112055	62 0102235 - 62 0112055	62 101920 - 62 111845	62 101920 - 62 111845
62 0112150 - 62 0122035	62 0112150 - 62 0122035	62 111950 - 62 122000	62 111950 - 62 122000
62 0151810 - 62 0161825	62 0151810 - 62 0161825	62 0151810 - 62 0161800	62 0151810 - 62 0161800
62 0161905 - 62 0171805	62 0161905 - 62 0171805	62 0161900 - 62 0171810	62 0161900 - 62 0171810
62 0171840 - 62 0181845	62 0171840 - 62 0181845	62 0172040 - 62 0181900	62 0172040 - 62 0181900
62 018 1915 - 62 0192015	62 0181915 - 62 0192015	62 0181915 - 62 0190635	62 0181915 - 62 0190635
62 0221835 - 62 0231910	62 0221835 - 62 0231910	62 0221800 - 62 0231800	62 0221800 - 62 0231800
62 0231950 - 62 0241840	62 0231950 - 62 0241840	62 0231950 - 62 0241840	62 0231950 - 62 0241840
62 0241925 - 62 0251855	62 0241925 - 62 0251855	62 0242000 - 62 0251800	62 0242000 - 62 0251800
62 0251930 - 62 0261935	62 0251930 - 62 0261935	62 0251825 - 62 0262000	62 0251825 - 62 0262000
62 0291625 - 62 0301850	62 0291625 - 62 0301850	62 0291610 - 62 0301800	62 0291610 - 62 0301800
62 0301825 - 62 0311925	62 0301825 - 62 0311925	62 0301915 - 62 0311800	62 0301915 - 62 0311800
62 0391610 - 62 0401450	62 0391610 - 62 0401450	62 0390505 - 62 0400420	62 0390505 - 62 0400420
62 0401520 - 62 0411745	62 0401520 - 62 0411745	62 0400515 - 0410500	62 0400515 - 62 0410500
62 0431915 - 62 0441815	62 0431915 - 62 0441815	62 0431935 - 62 0441800	62 0431935 - 62 0441800
62 0441905 - 62 0451915	62 0441905 - 62 0451915	62 0441825 - 62 0451800	62 0441825 - 62 0451800
62 0452040 - 62 0462150	62 0452040 - 62 0462150	62 0451825 - 62 0461845	62 0451825 - 62 0461845
62 0462235 - 62 0472205	62 0462235 - 62 0472205	62 0461910 - 62 0472000	62 0461910 - 62 0472000
62 0501440 - 62 0511700	62 0501440 - 62 0511700	62 0501630 - 62 0511700	62 0501630 - 62 0511700
62 0511820 - 62 0521835	62 0511820 - 62 0521835	62 0511735 - 62 0521710	62 0511735 - 62 0521710
62 0521905 - 62 0531925	62 0521905 - 62 0531925	62 0521735 - 62 0531700	62 0521735 - 62 0531700
62 0531955 - 62 0542000	62 0531955 - 0542000	62 0531725 - 62 0541900	62 0531725 - 62 0541900
62 0542025 - 62 0552125	62 0542025 - 62 0552125	62 0542215 - 62 0552100	62 0542215 - 62 0552100
62 0552140 - 62 0562130	62 0552140 - 62 0562130	62 0552145 - 62 0562000	62 0552145 - 62 0562000
62 0562155 - 62 0572150	62 0562155 - 62 0572150	62 0562020 - 62 0572230	62 0562020 - 62 0572230
62 0572235 - 62 0581955	62 0572235 - 62 0581955	62 0572250 - 62 0581900	62 0572250 - 62 0581900
62 0592240 - 62 0602120	62 0592240 - 62 0602120		

TAPE AND FILM (Continued)

MASTER STATION		SLAVE STATION	
TAPE	FILM	TAPE	FILM
62 0602155 - 62 0612250	62 0602155 - 62 0612250		
62 0620020 - 62 0622205	62 0620020 - 62 0622205		
62 0622235 - 62 0632315	62 0622235 - 62 0632315		
62 0640040 - 62 0642230	62 0640040 62 0642230		
62 0642300 - 62 0652035	62 0642300 - 62 0652035		
62 0671520 - 62 0681720	62 0671520 - 62 0681720	62 0670905 - 62 0680700	62 0670905 - 62 0680700
62 0681835 - 62 0692215	62 0681835 - 62 0692215	62 0680720 - 62 0690600	62 0680720 - 62 0690600
62 0711810 - 62 0722010	62 0711810 - 62 0722010	62 0711700 - 62 0721700	62 0711700 - 62 0721700
62 0722110 - 62 0732055	62 0722110 - 62 0732055	62 0721830 - 62 0731630	62 0721830 - 62 0731630
62 0732145 - 62 0742105	62 0732145 - 62 0742105	62 0731730 - 62 0742000	62 0731730 - 62 0742000
62 0742150 - 62 0752215	62 0742150 - 62 0752215	62 0742030 - 62 0752200	62 0742030 - 62 0752200
62 0781920 - 62 0792005	62 0781920 - 62 0792005	62 0781745 - 62 0791905	62 0781745 - 62 0791905
62 0792050 - 62 0802020	62 0792050 - 62 0802020	62 0792055 - 62 0802000	62 0792055 - 62 0802000
62 0802155 - 62 0812120	62 0802155 - 62 0812120	62 0802020 - 62 0811900	62 0802020 - 62 0811900
62 0812210 - 62 0822130	62 0812210 - 62 0822130	62 0811920 - 62 0821800	62 0811920 - 62 0821800
62 0871505 - 62 0881705	62 0871505 - 62 0881705	62 0871700 - 62 0881800	62 0871700 - 62 0881800
62 0881820 - 62 0892000	62 0881820 - 62 0892000	62 0881820 - 62 0891400	62 0881820 - 62 0891400
62 0892035 - 0902035	62 0892035 - 62 0902035	62 0891920 - 62 0902030	62 0891920 - 62 0902030
62 0902105 - 62 0912140	62 0902105 - 62 0912140	62 0902200 - 62 0912000	62 0902200 - 62 0912000
62 0912110 - 62 0922135	62 0912210 - 62 0922135	62 0912025 - 62 0922000	62 0912025 - 62 0922000
62 0922305 - 62 0932235	62 0922305 - 62 0932235	62 0922025 - 62 0931900	62 0922025 - 62 0931900
62 0932310 - 62 0942125	62 0932310 - 62 0942125	62 0931925 - 62 0941800	62 0931925 - 62 0941800
62 0942155 - 62 0952140	62 0942155 - 62 0952140	62 0942000 - 62 0952000	62 0942000 - 62 0952000
62 0952215 - 62 0962215	62 0952215 - 62 0962215	62 0952020 - 62 0961815	62 0952020 - 62 0961815
		62 0991830 - 62 1001900	62 0991830 - 62 1001900
62 1000655 - 62 1002315	62 1000655 - 62 1002315		
62 1002350 - 62 1012150	62 1002350 - 62 1012150	62 1001920 - 62 1011800	62 1001920 - 62 1011800

TAPE AND FILM (Continued)

MASTER STATION		SLAVE STATION	
TAPE	FILM	TAPE	FILM
62 1030635 - 62 1032215	62 1030635 - 62 1032215		
62 1032255 - 62 1041308	62 1032255 - 62 1041308		
62 1072355 - 62 1082225	62 1072355 - 62 1082225		
62 1082225 - 62 1092250	62 1082255 - 62 1092250	62 1081950 - 62 1092005	62 1081950 - 62 1092005
62 1092320 - 62 1102245	62 1092320 - 62 1102245	62 1092045 - 62 1102000	62 1092045 - 62 1102000
62 1102340 - 62 1112055	62 1102340 - 62 1112055	62 1102030 - 62 1111930	62 1102030 - 62 1111930
62 1131955 - 62 1142205	62 1131955 - 62 1142205	62 1131715 - 62 1141800	62 1131715 - 62 1141800
62 1142235 - 62 1152235	62 1142235 - 62 1152235	62 1142155 - 62 1152030	62 1142155 - 62 1152030
62 1152300 - 62 1162150	62 1152300 - 62 1162150	62 1152115 - 62 1162000	62 1152115 - 62 1162000
	62 1162220 - 62 117	62 1162027 - 62 1172000	62 1162027 - 61 1172200
62 1172220 - 62 117			
62 1201740 - 62 1211635		62 1201700 - 62 1211700	62 1201700 - 62 1211700
62 1232320 - 62 1242030	62 1232320 - 62 1242030		
62 1261925 - 62 1271925	62 1261925 - 62 1271925		
	62 1272035 - 62 1272115		
62 1292010 - 62 1301930	62 1292010 - 62 1301930	62 1291830 - 62 1302020	62 1291830 - 62 1302020
62 1302010 - 62 1312030		62 1302105 - 62 1311920	
62 1312100 - 62 1322015		62 1311940 - 62 1321950	
62 1322055 - 62 1331940	62 1322055 - 62 1331940	62 1322020 - 62 1331915	62 1322020 - 62 1331915
62 1332050 - 62 1341925	62 1332050 - 62 1341925	62 1331935 - 62 1341900	62 1331935 - 62 1341900
62 1341955 - 62 1352040	62 1341955 - 62 1352040	62 1341920 - 62 1351800	62 1341920 - 62 1351800
		62 1622000 - 62 1641300	62 1622000 - 62 1641300
62 1641835 - 62 1651600	62 1641835 - 62 1651600	62 1641850 - 62 1651600	62 1641850 - 62 1651600
62 1651630 - 62 1661945	62 1651630 - 62 1661945	62 1651625 - 62 1661645	62 1651625 - 62 1661645
62 1721505 - 62 1731425	62 1721505 - 62 1731425	62 1721545 - 62 1731320	62 1721545 - 62 1731320
62 1771647 - 62 1772025	62 1771647 - 62 1772025		

MASTER STATION		SLAVE STATION	
TAPE AND FILM (Continued)			
TAPE	FILM	TAPE	FILM
62 1781655 - 62 1781925	62 1781655 - 62 1781925		
62 1791605 - 62 1792015	62 1791605 - 62 1792015		
62 1801655 - 62 1801919	62 1801655 - 62 1801919		
62 1871450 - 62 1881430	62 1871450 - 62 1881430	62 1871540 - 62 1881400	62 1871540 - 62 1872233
62 1881654 - 62 1891911	62 1881654 - 62 1891911	62 1881545 - 62 1891405	62 1881545 - 62 1891405
62 1892200 - 62 1901805	62 1901855 - 62 1911805	62 1891440 - 62 1901505	62 1891440 - 62 1901505
62 1901855 - 62 1911805	62 1892200 - 62 1901805	62 1901525 - 62 1911800	62 1901525 - 62 1911800
62 1981545 - 62 1991800	62 1981545 - 62 1991800	62 1981545 - 62 1991500	62 1981545 - 62 1991500
62 1991830 - 62 2002215	62 1991830 - 62 2002215	62 1991540 - 62 2001400	62 1991520 - 62 2001400
62 2002330 - 62 2011805	62 2002330 - 62 2011805	62 2001420 - 62 2011520	62 2001420 - 62 2011822
		62 2011527 - 62 2011825	62 2041415 - 62 2051410
62 2041405 - 62 2051615	62 2041405 - 62 2051615	62 2041415 - 62 2051410	
		62 2112024 - 62 2051	62 2112024 - 62 2051
62 2121505 - 62 2131640	62 2121505 - 62 2131640	62 2121500 - 62 2131605	62 2121500 - 62 2131605
62 2131735 - 62 2141720	62 2131735 - 62 2141720	62 2131630 - 62 2141600	62 2131630 - 62 2141600
62 2251520 - 62 2261435	62 2251520 - 62 2261435	62 2251610 - 62 2261500	62 2251610 - 62 2261500
62 2261605 - 62 2271550	62 2261605 - 62 2271550	62 2261615 - 62 2271500	62 2261615 - 62 2280155
62 2271740 - 62 2281840	62 2271740 - 62 2281840	62 2271510 - 62 2281500	62 2271310 - 62 2281500
62 2281905 - 62 2291825	62 2281905 - 62 2291825	62 2281615 - 62 2291600	62 2281615 - 62 2291600
62 2351530 - 62 2361800	62 2351530 - 62 2361800	62 2351600 - 62 2361815	62 2351600 - 62 2361815
62 2391530 - 62 2401350	62 2391530 - 62 2401350		62 2391510 - 62 2401600
62 2401430 - 62 2411450	62 2401430 - 62 2411450		
62 2411540 - 62 2421500	62 2411540 - 62 2421500		
62 2421615 - 62 2431955	62 2421615 - 62 2431955		
62 2471445 - 62 2481540	62 2471445 - 62 2481540		62 2472120 - 62 2481900
62 2481615 - 62 2491655	62 2481615 - 62 2491655		62 2481925 - 62 2491800
62 2491930 - 62 2501715	62 2491930 - 62 2501715		
62 2562150 - 62 2572125	62 2562150 - 62 2572125		
62 2601445 - 62 2611715	62 2601445 - 62 2611715	62 2601620 - 62 2611810	62 2601620 - 62 2611810
62 2611810 - 62 2620912	62 2611805 - 62 2620912	62 2611830 - 62 2621900	62 2611830 - 62 2621900
62 2621810 - 62 2632010	62 2621810 - 62 2632010	62 2621920 - 62 2631900	62 2621920 - 62 2631900
62 2632045 - 62 2642145	62 2632045 - 62 2642145	62 2631920 - 62 2641700	62 2631920 - 62 2641700
62 2781410 - 62 2782010	62 2781410 - 62 2782010	62 2781300 - 62 2782100	62 2781920 - 62 2782100

6.7 Power Spectral Density Plots and Film Recordings of Typical Seismic Noise From Each Station

In this section are included, for each slave station occupied, a film recording showing the response of each seismometer to seismic noise typical of the station, a slave station PSD of the noise recorded at a seismometer position for the period shown on the film or a similarly characteristic time period, and the corresponding master station PSD. Figures from slave stations on the California profile are numbered from 6.7.1.1 to 6.7.1.9, those on the Pacific Northwest profile from 6.7.2.1 to 6.7.2.7, and those on the Appalachian profile from 6.7.3.1 to 6.7.3.8. Subletters a, b, and c indicate the noise film, the slave station PSD plot, and the master station PSD plot, respectively.

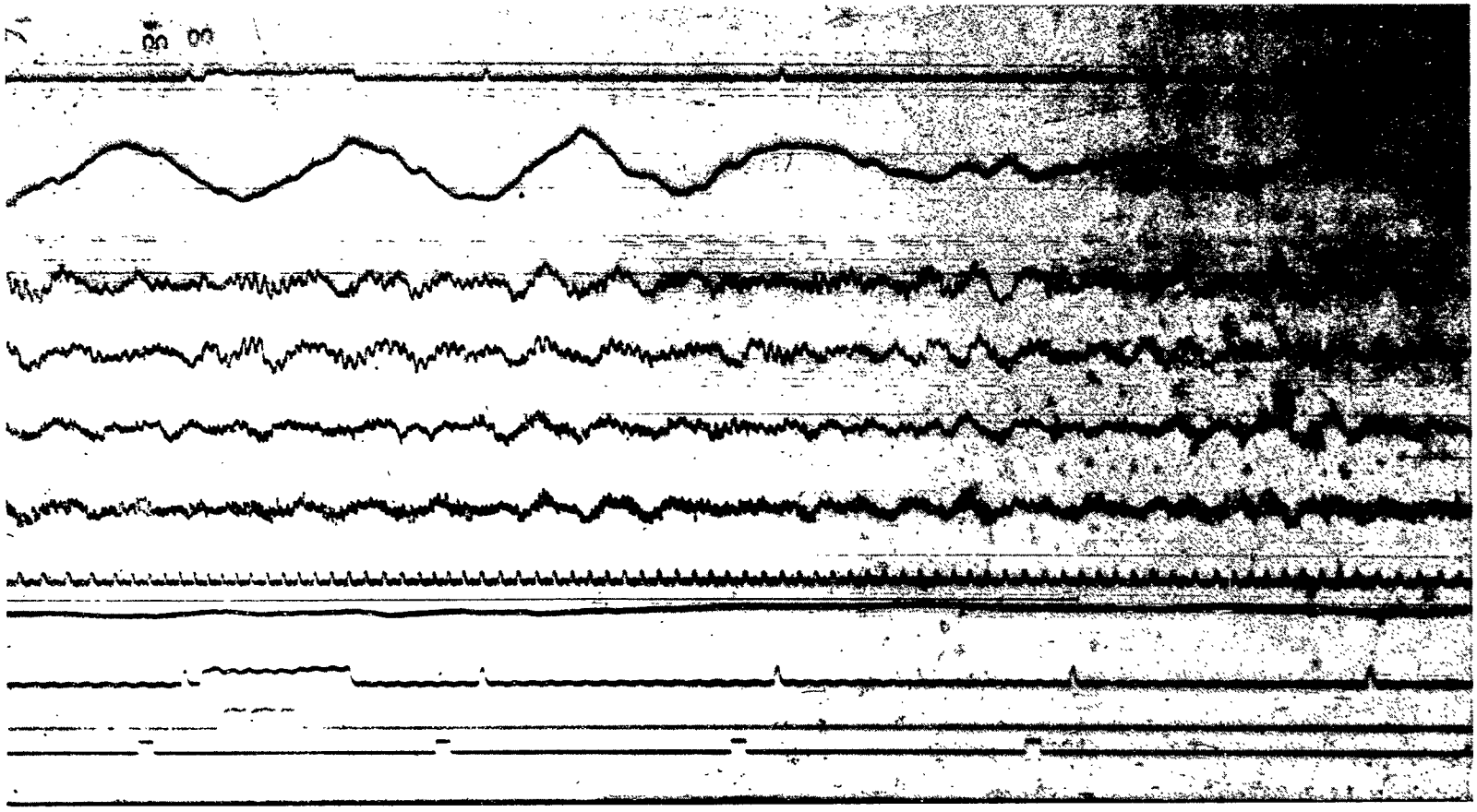
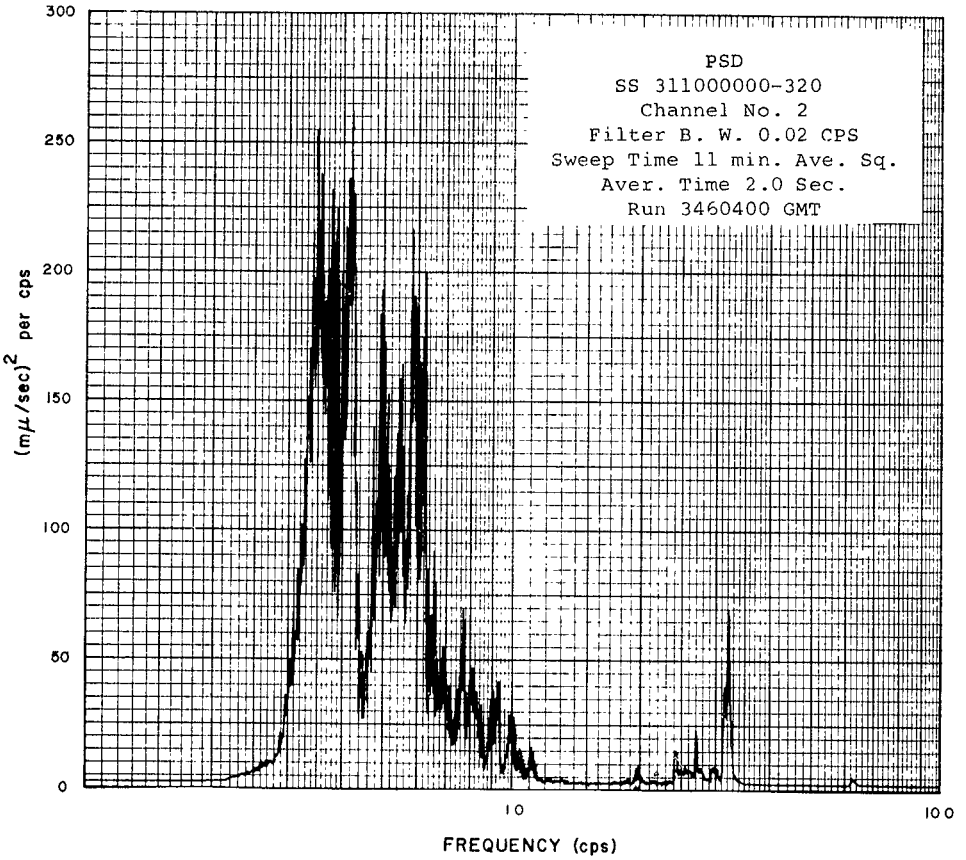
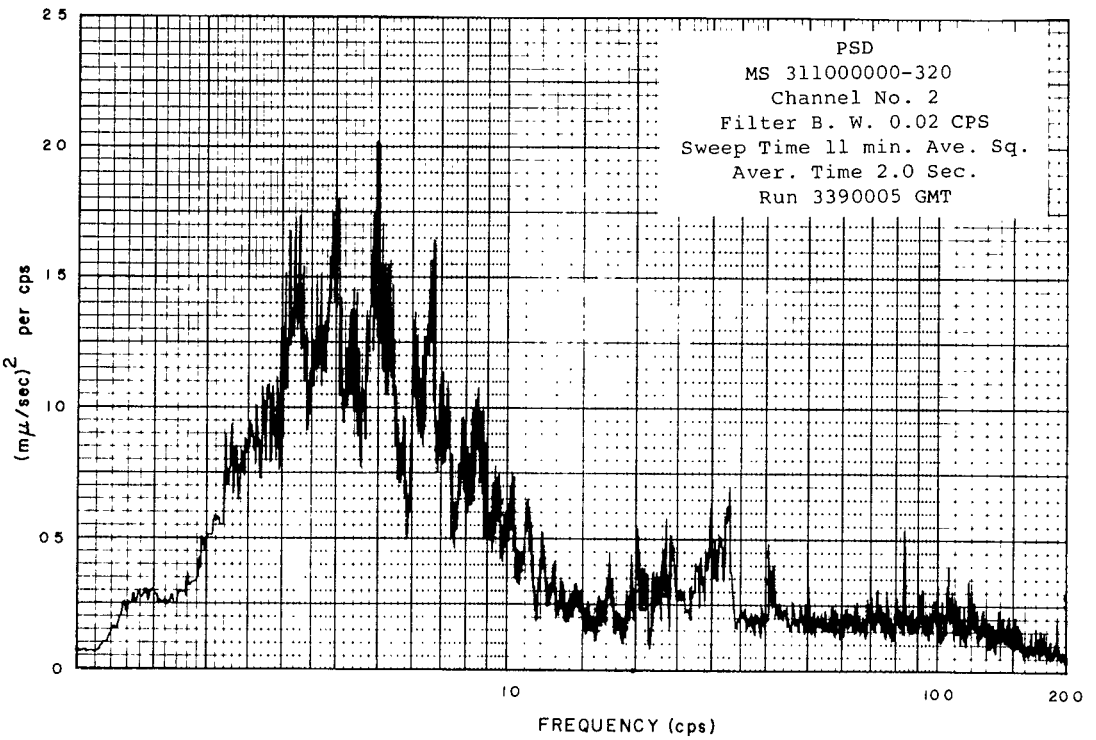


Figure 6.7.1.1a TYPICAL SEISMIC NOISE AT HUASNA RIVER
SS 311-00:00:00Z SP Atten: - 40db



Huasna River
Figure 6.7.1.1b



Round Mountain
Figure 6.7.1.1c

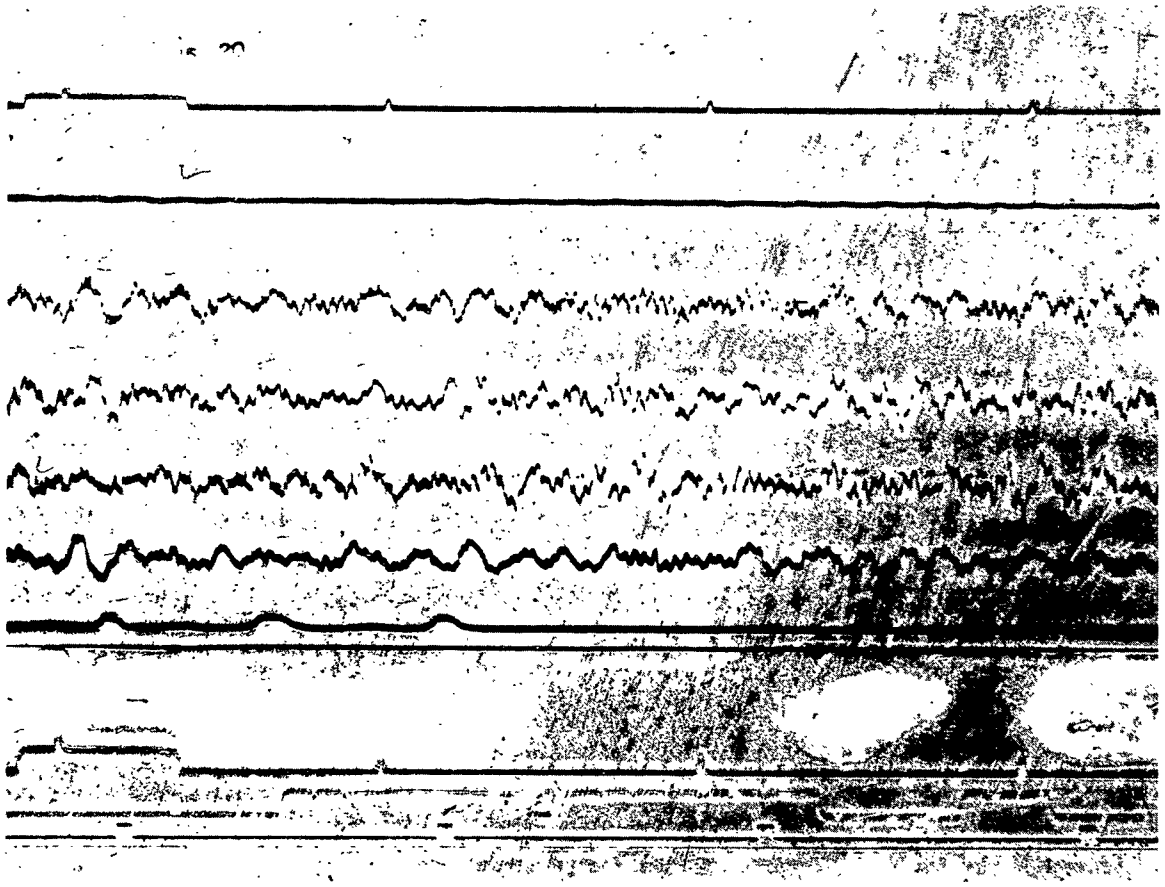
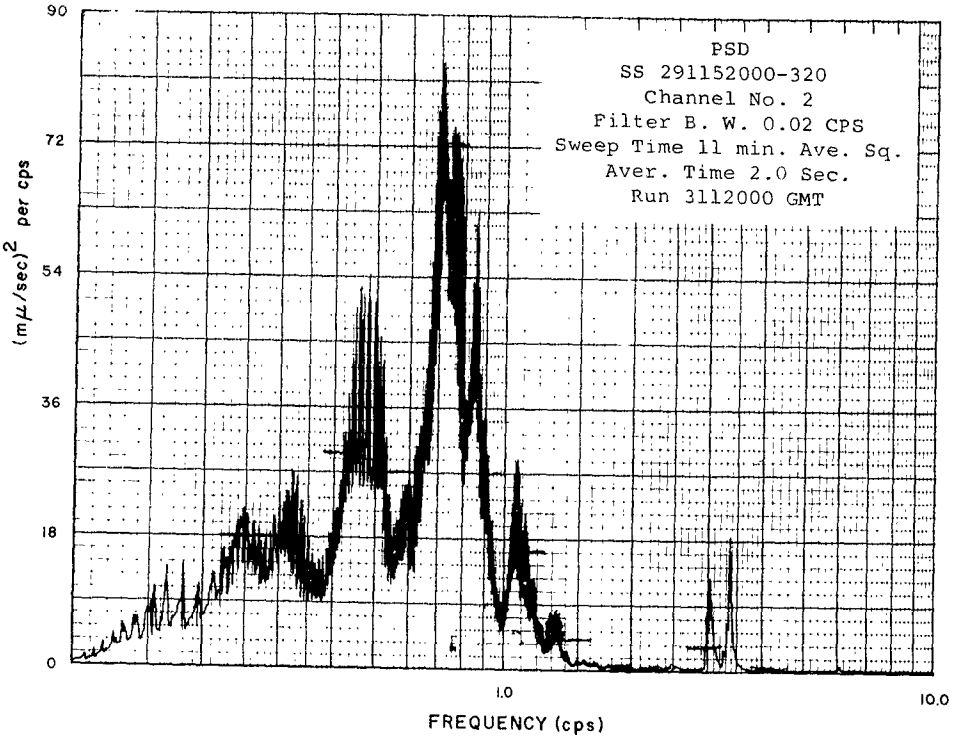
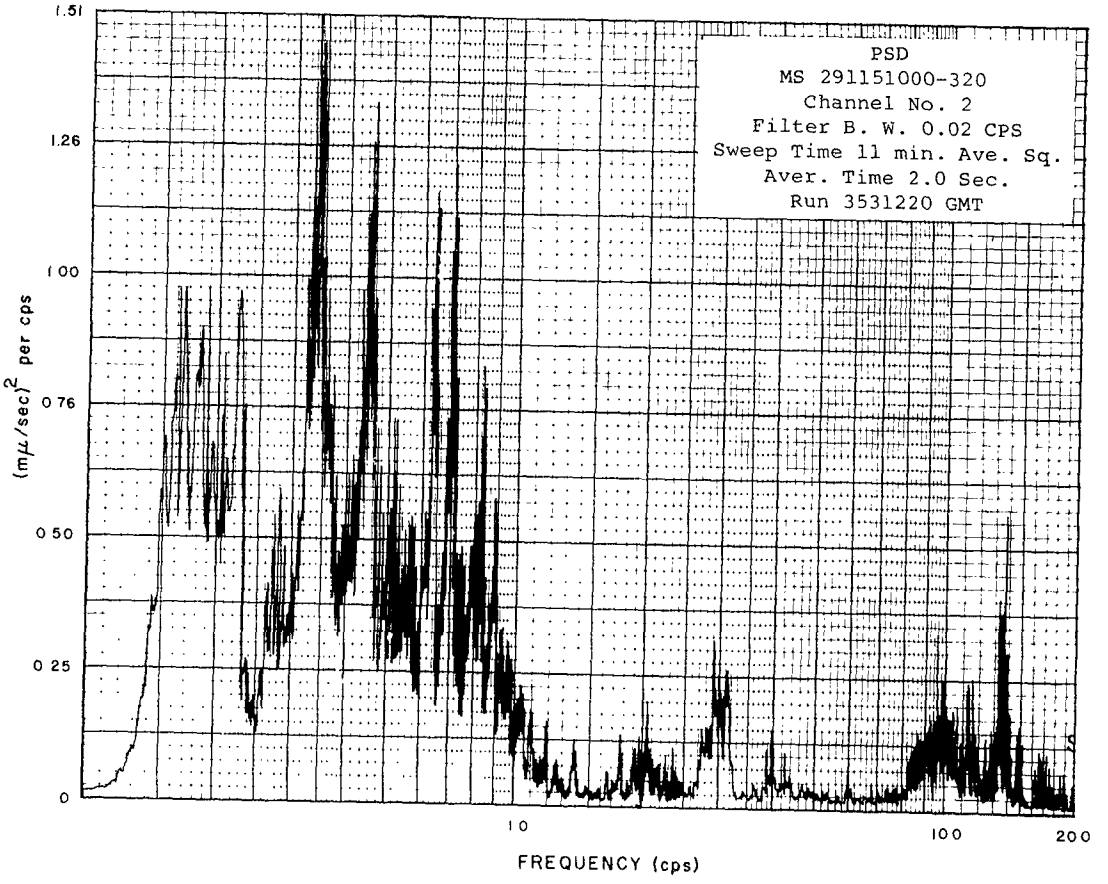


Figure 6.7.1.2a TYPICAL SEISMIC NOISE AT CARRIZO
SS 291-15:20:00Z SP Atten: - 30db



Carrizo
Figure 6.7.1.2b



Round Mountain
Figure 6.7.1.2c

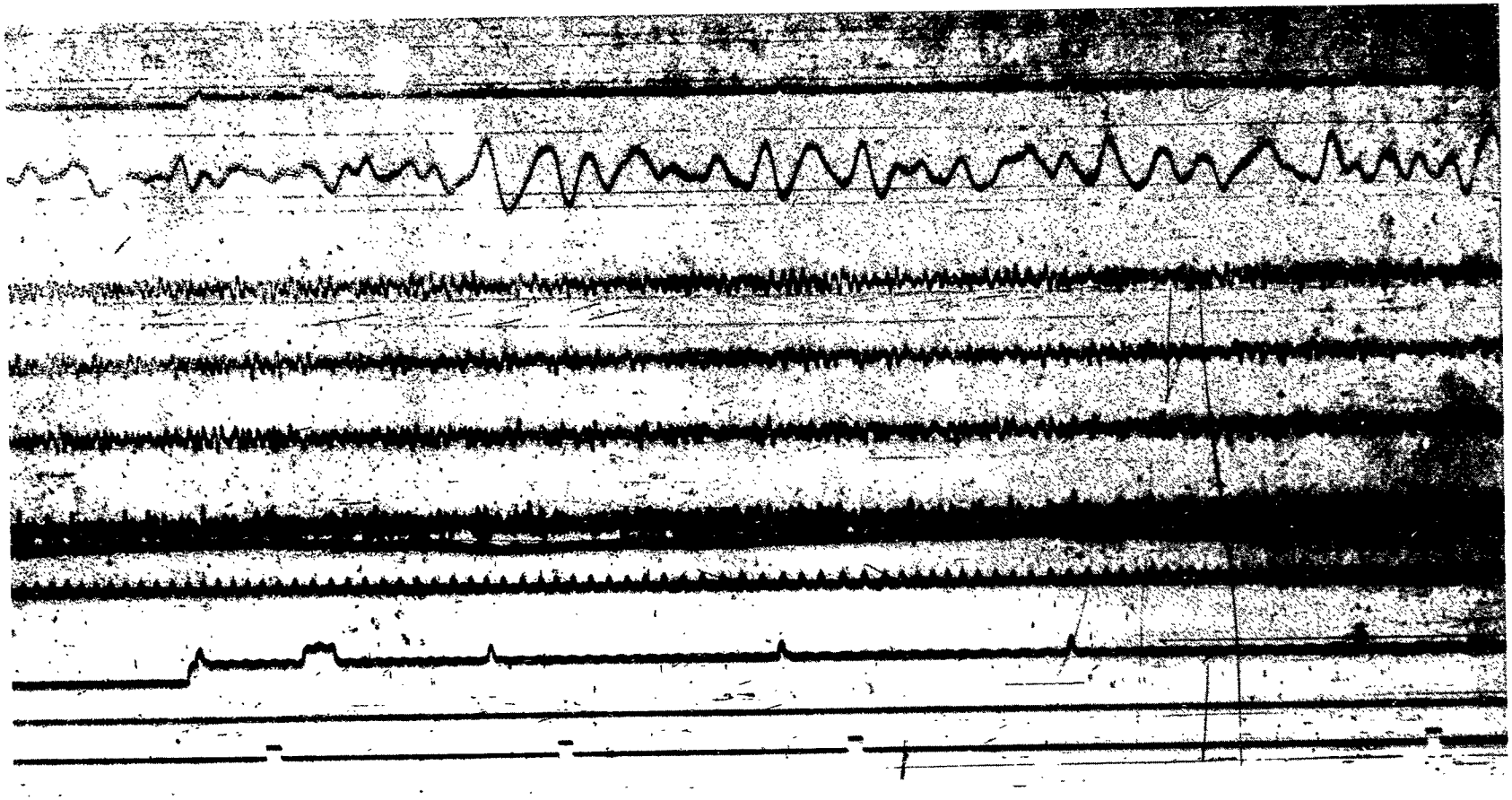
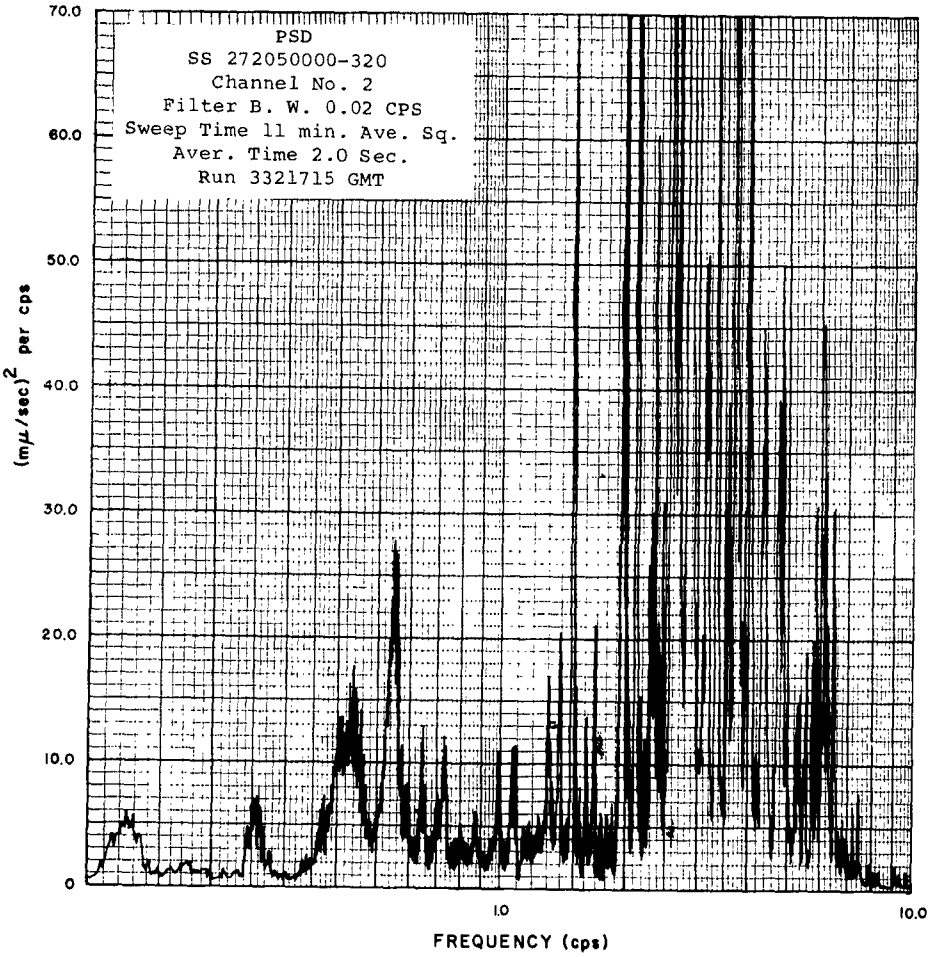
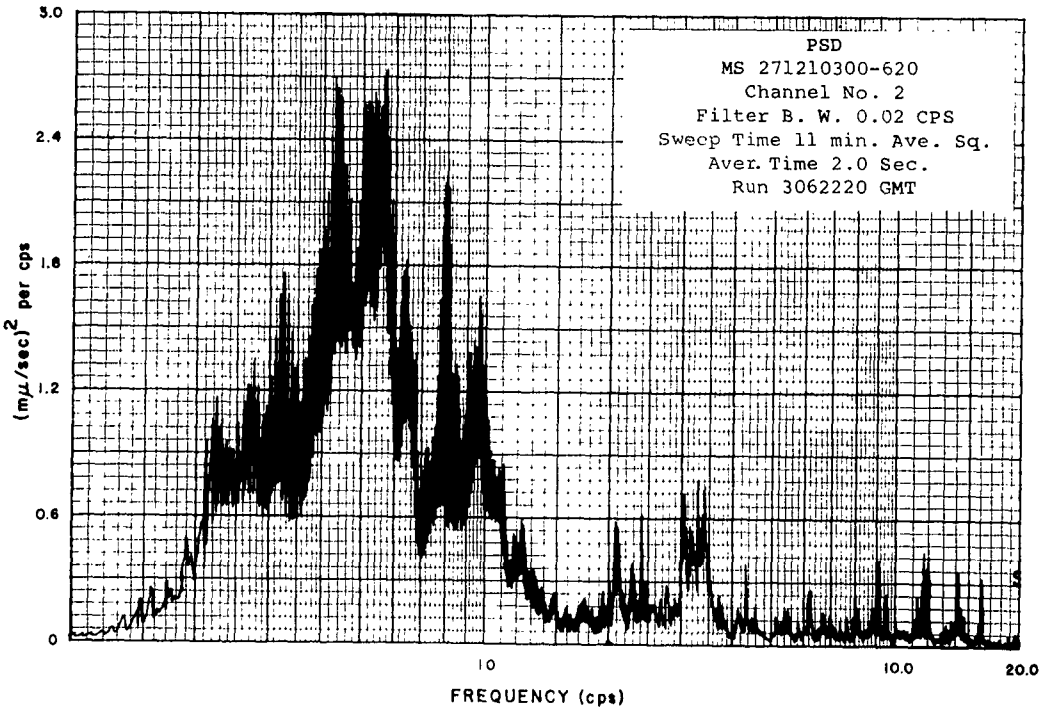


Figure 6.7.1.3a TYPICAL SEISMIC NOISE AT ELK HILLS
SS 272-05:00:00Z SP Atten: - 50db



Elk Hills
Figure 6.7.1.3b



Round Mountain
Figure 6.7.1.3c

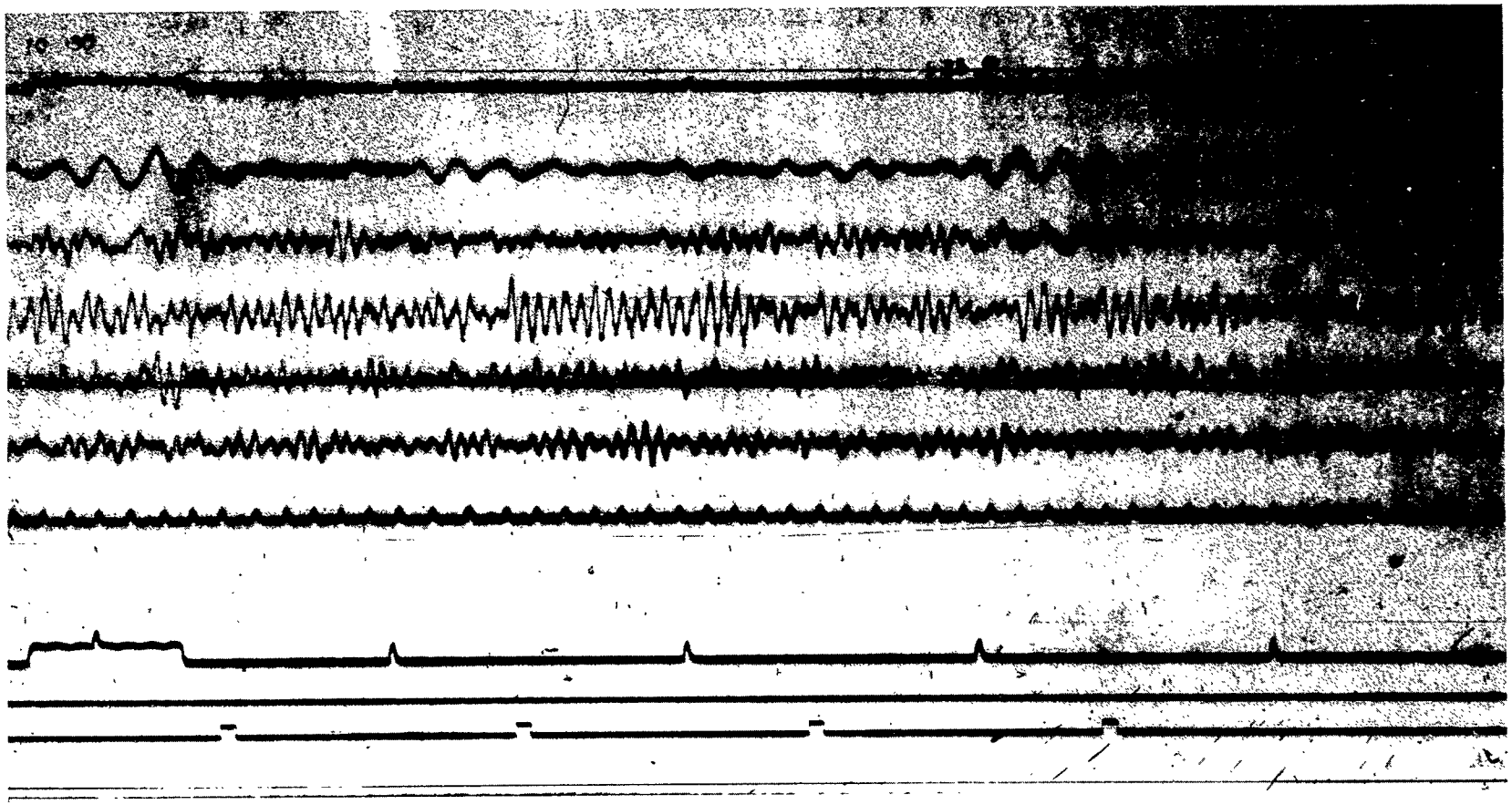
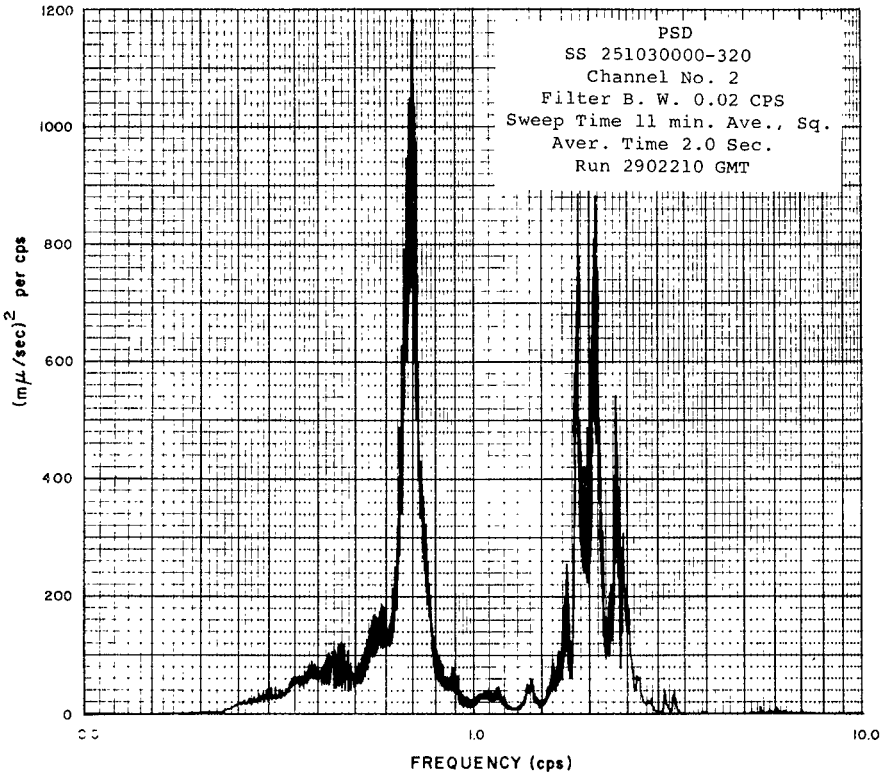
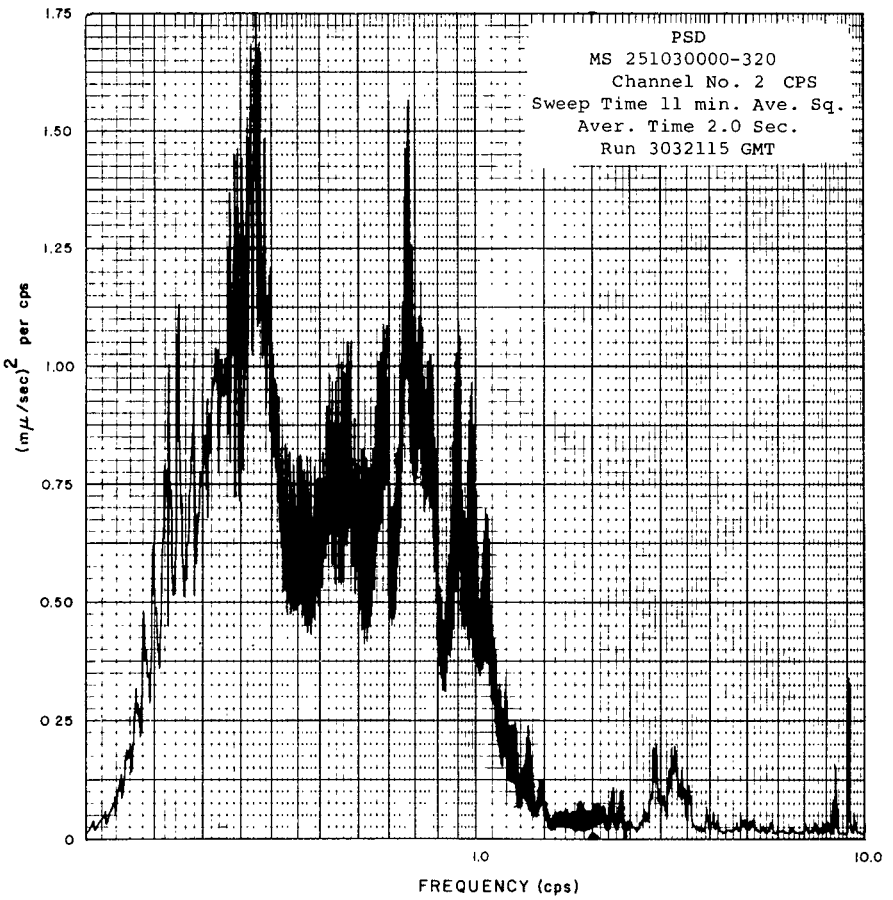


Figure 6.7.1.4a TYPICAL SEISMIC NOISE AT MANNOT CREEK
SS 251-10:30:00Z SP Atten: - 40db



Mannot Creek
Figure 6.7.1.4b



Round Mountain
Figure 6.7.1.4c

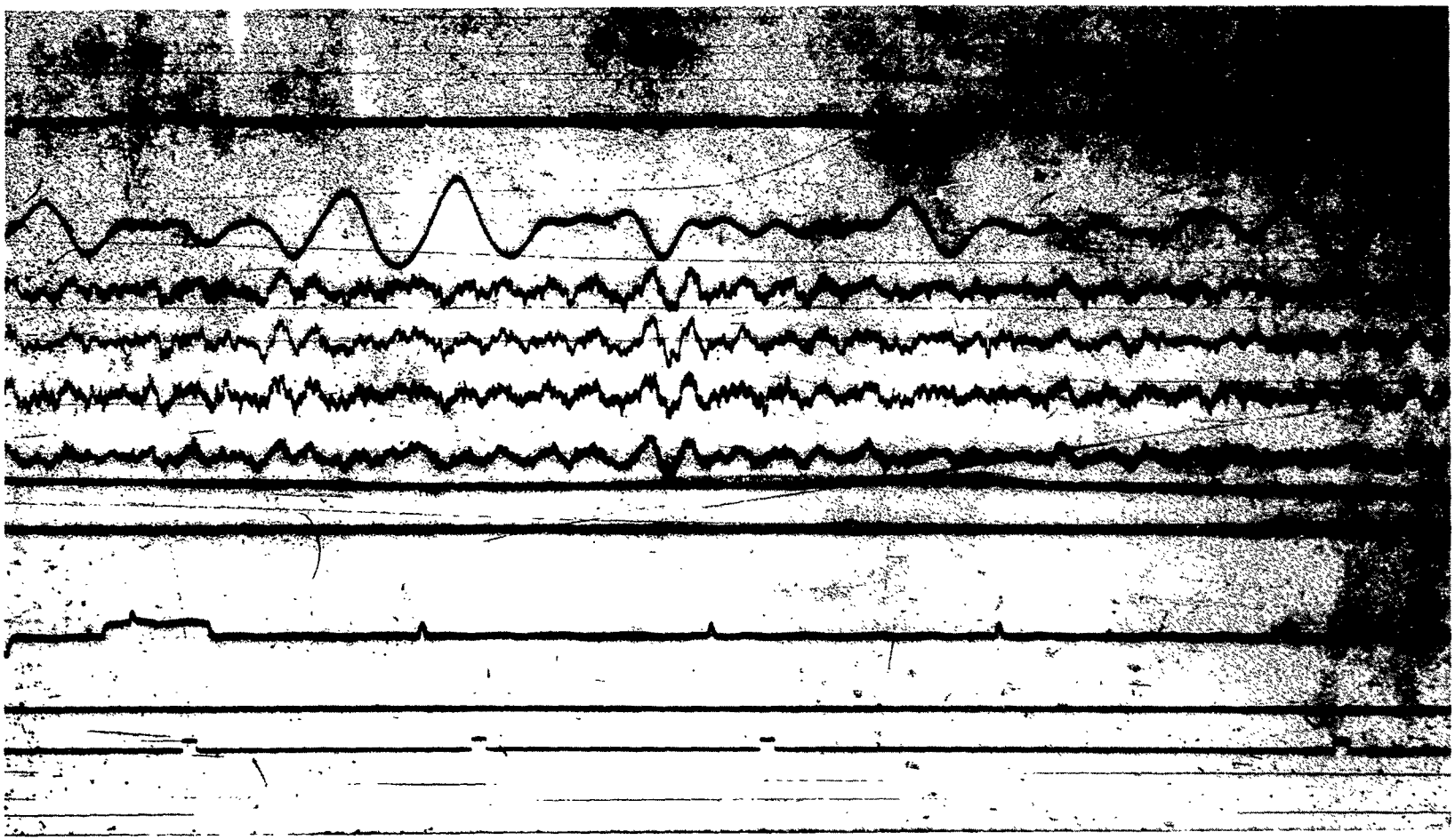
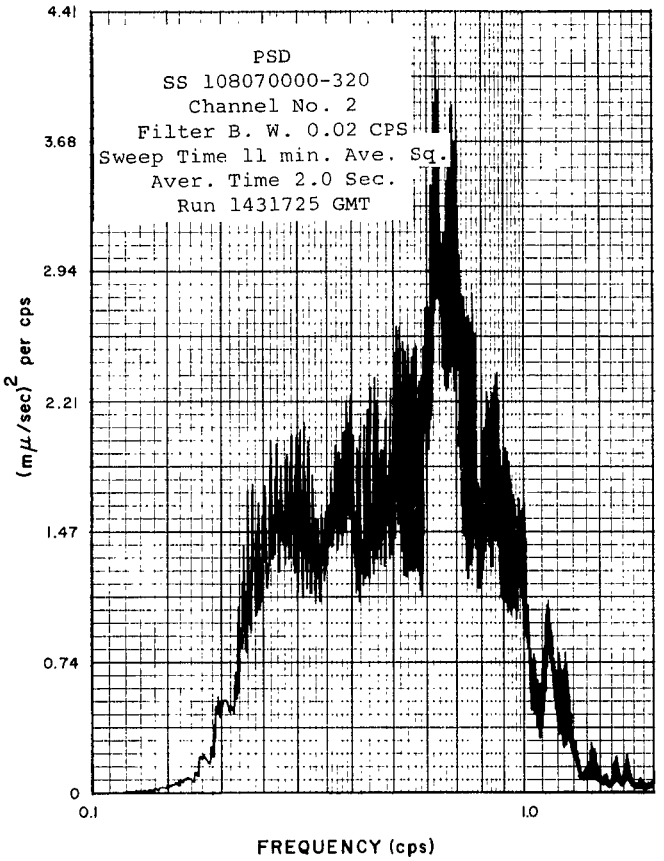
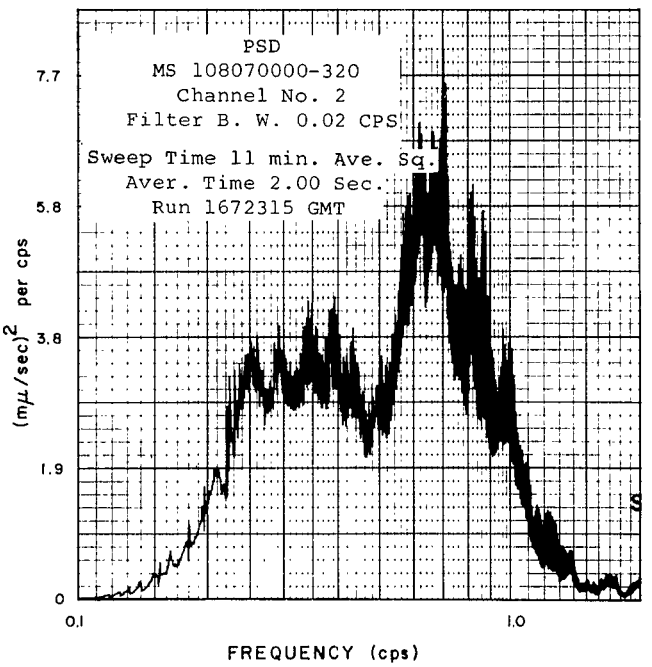


Figure 6.7.1.5a TYPICAL SEISMIC NOISE AT CEDAR CREEK
SS 108-07:00:00Z SP Atten: - 20db



Cedar Creek
Figure 6.7.1.5b



Round Mountain
Figure 6.7.1.5c

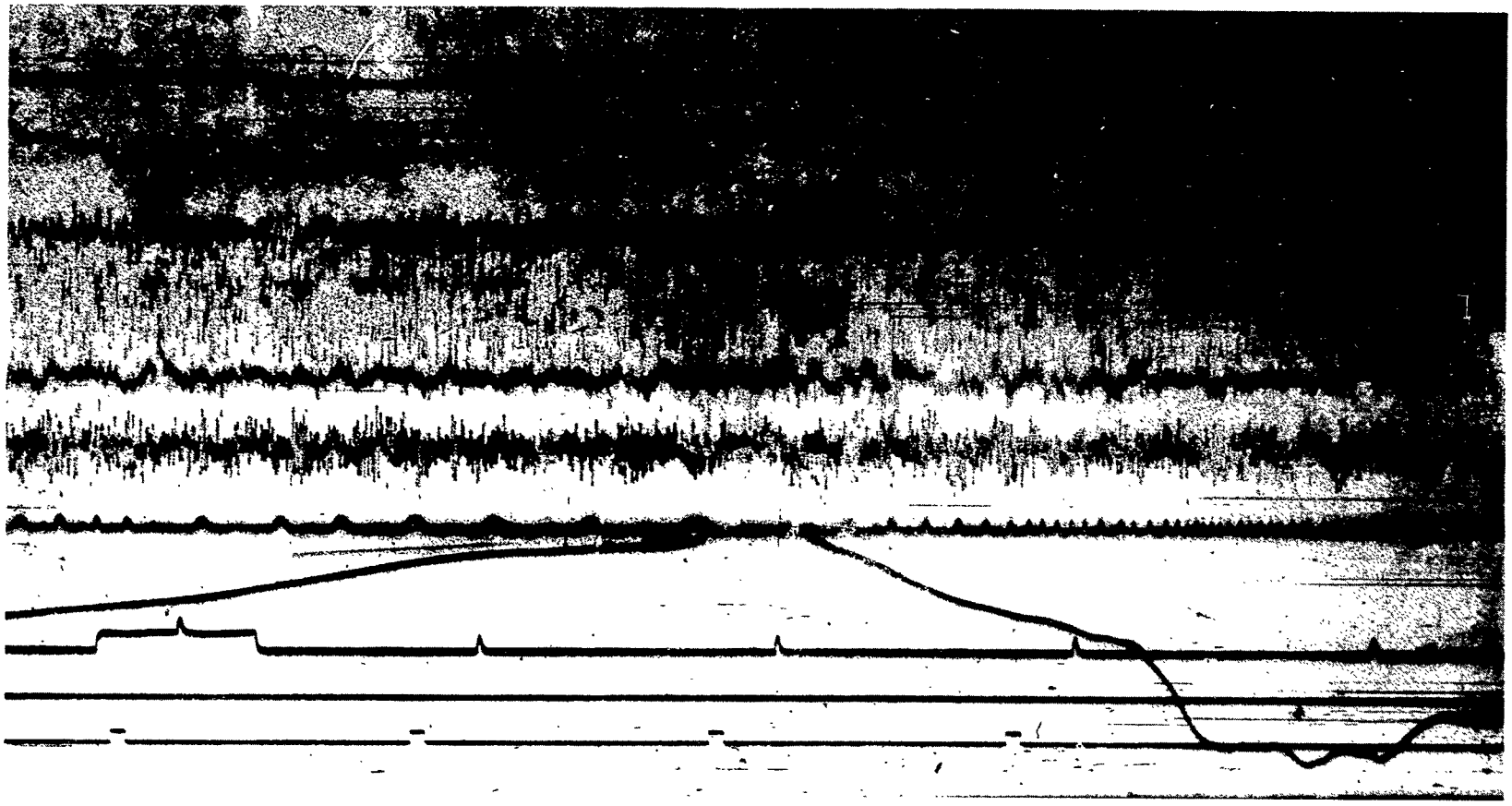
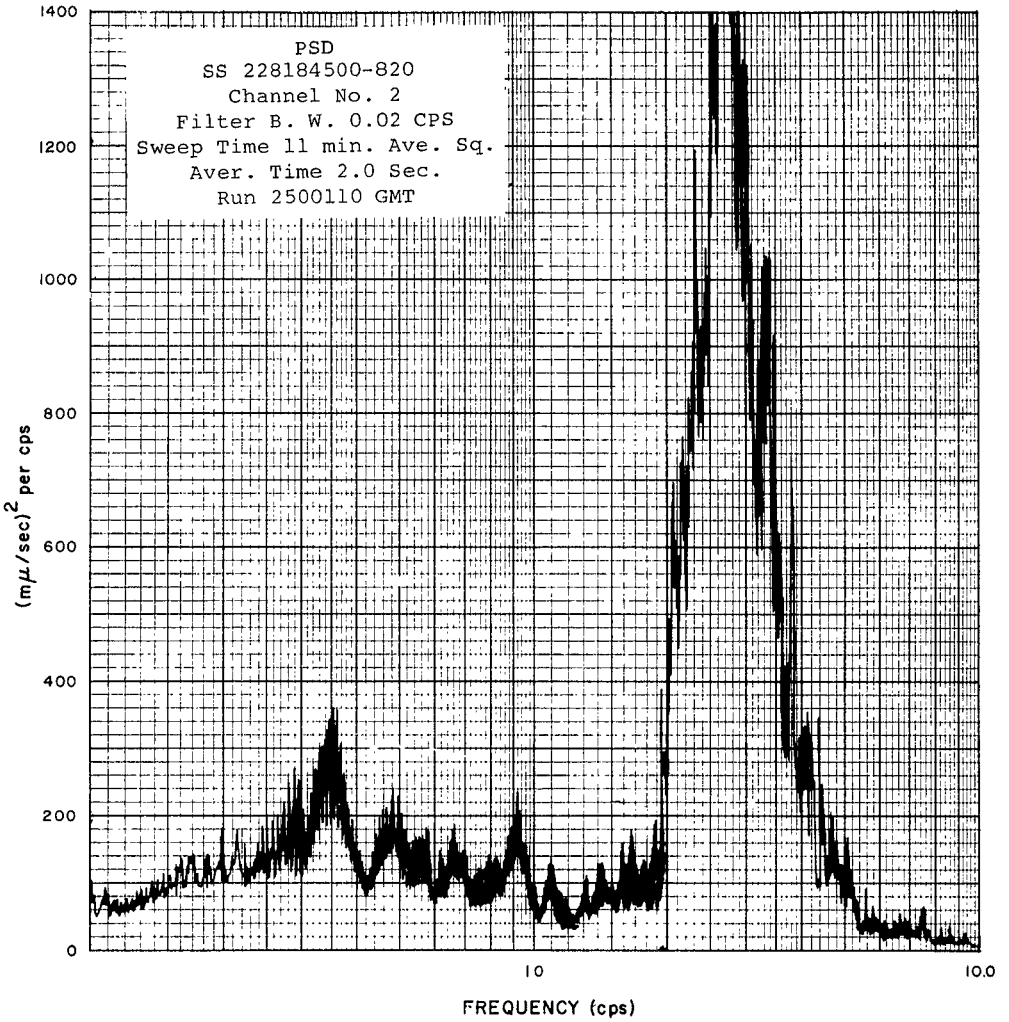
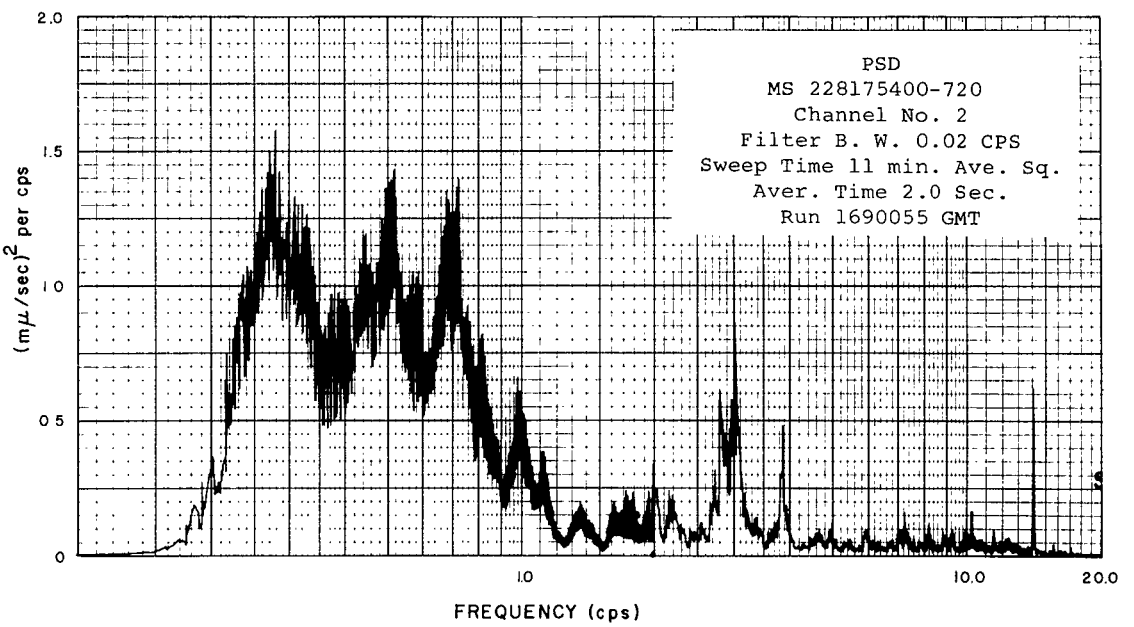


Figure 6.7.1.6a TYPICAL SEISMIC NOISE AT BIG MEADOW
SS 228-18:45:00Z SP Atten: - 50db



Big Meadow
Figure 6.7.1.6b



Round Mountain
Figure 6.7.1.6c

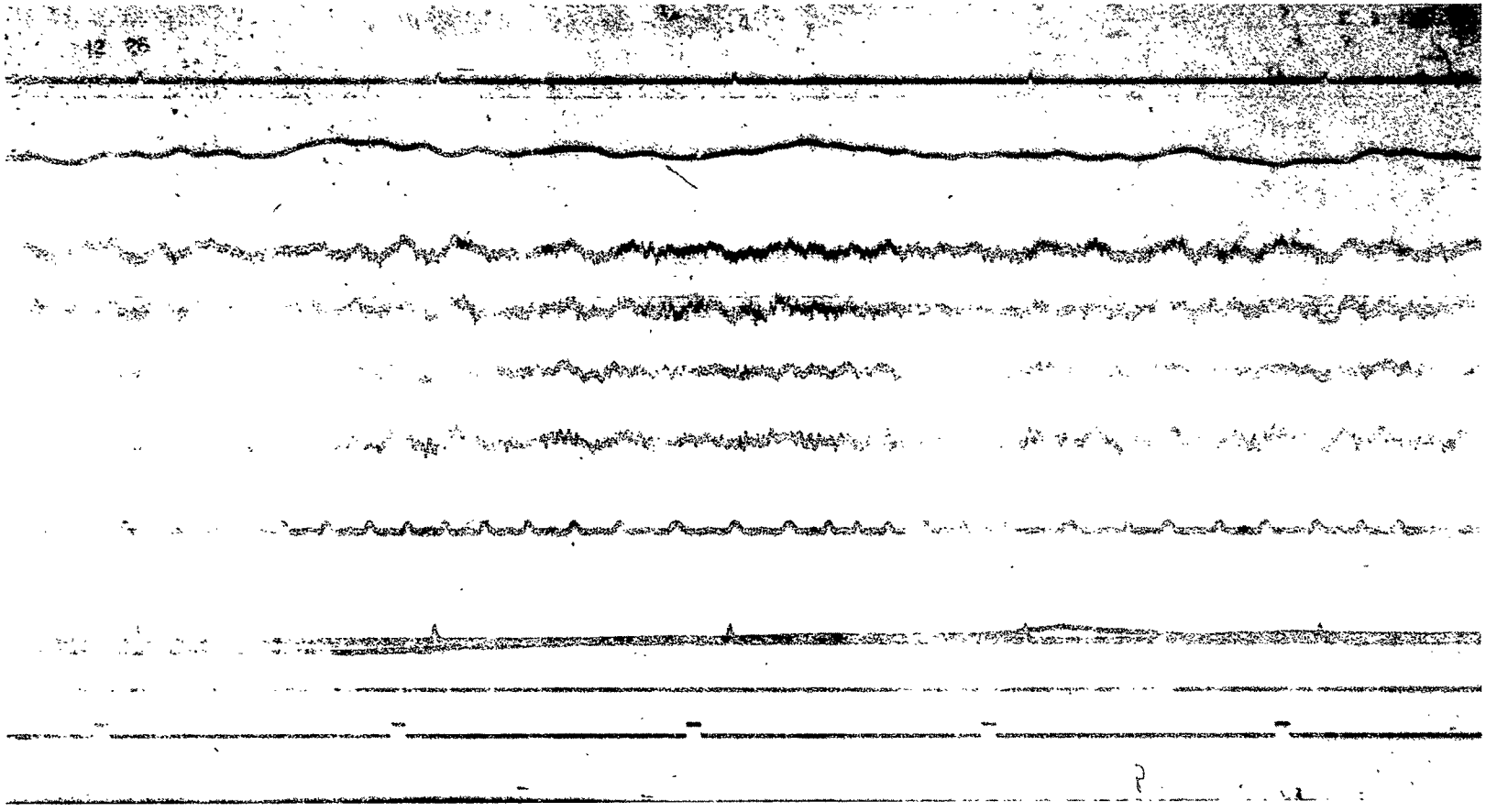
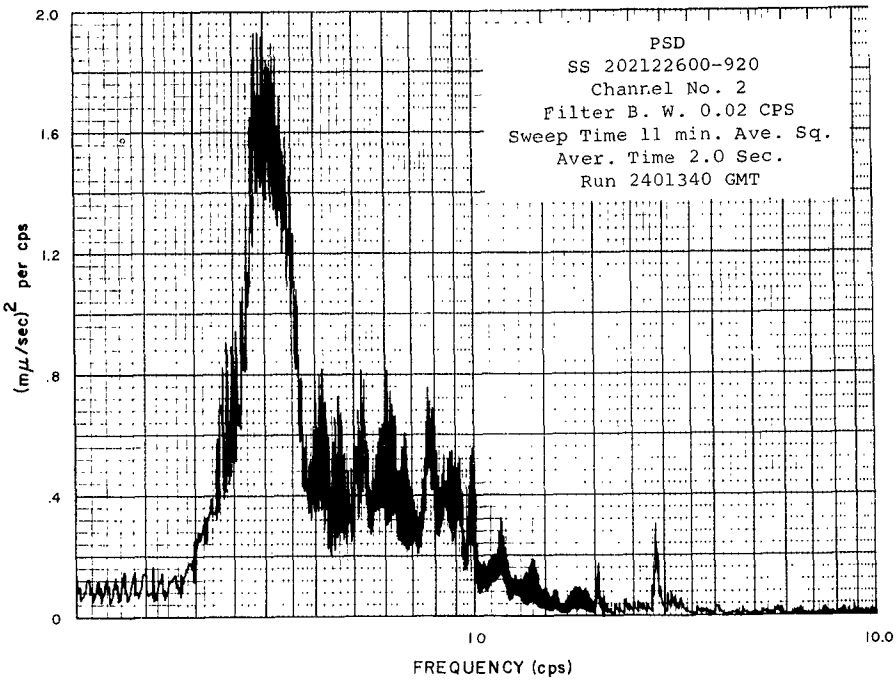
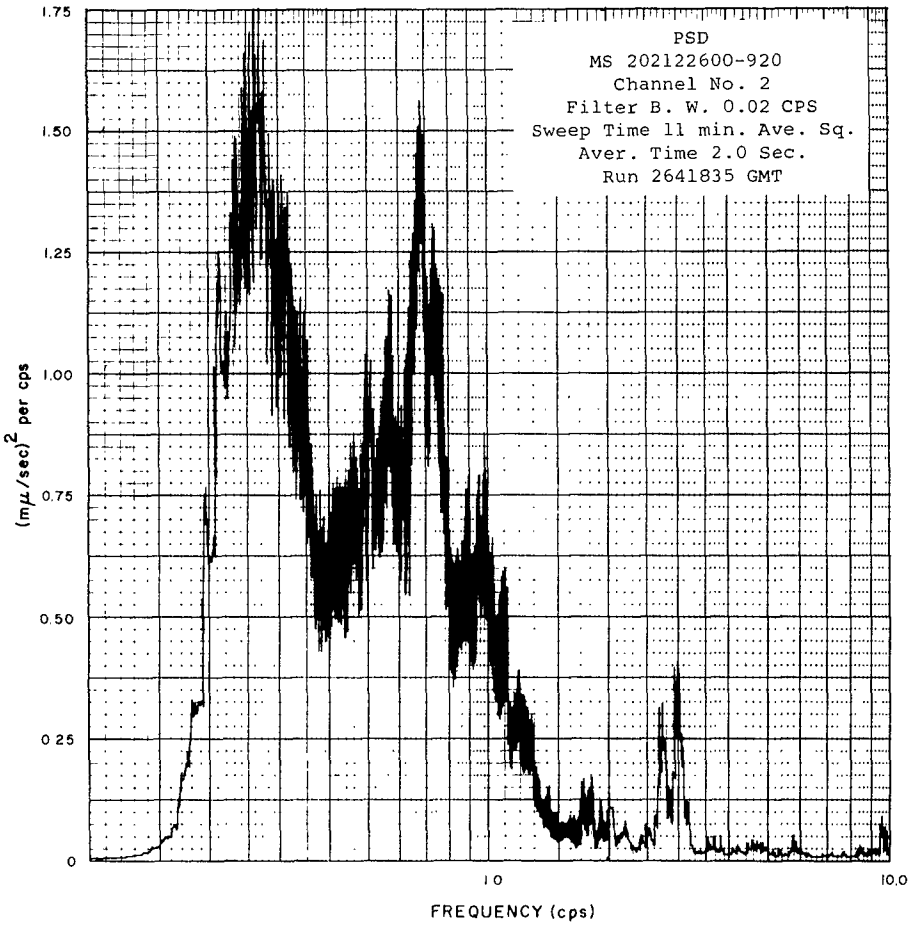


Figure 6.7.1.7a TYPICAL SEISMIC NOISE AT DARWIN
SS 202-12:26:00Z SP Atten: - 20db



Darwin
Figure 6.7.1.7b



Pound Mountain
Figure 6.7.1.7c

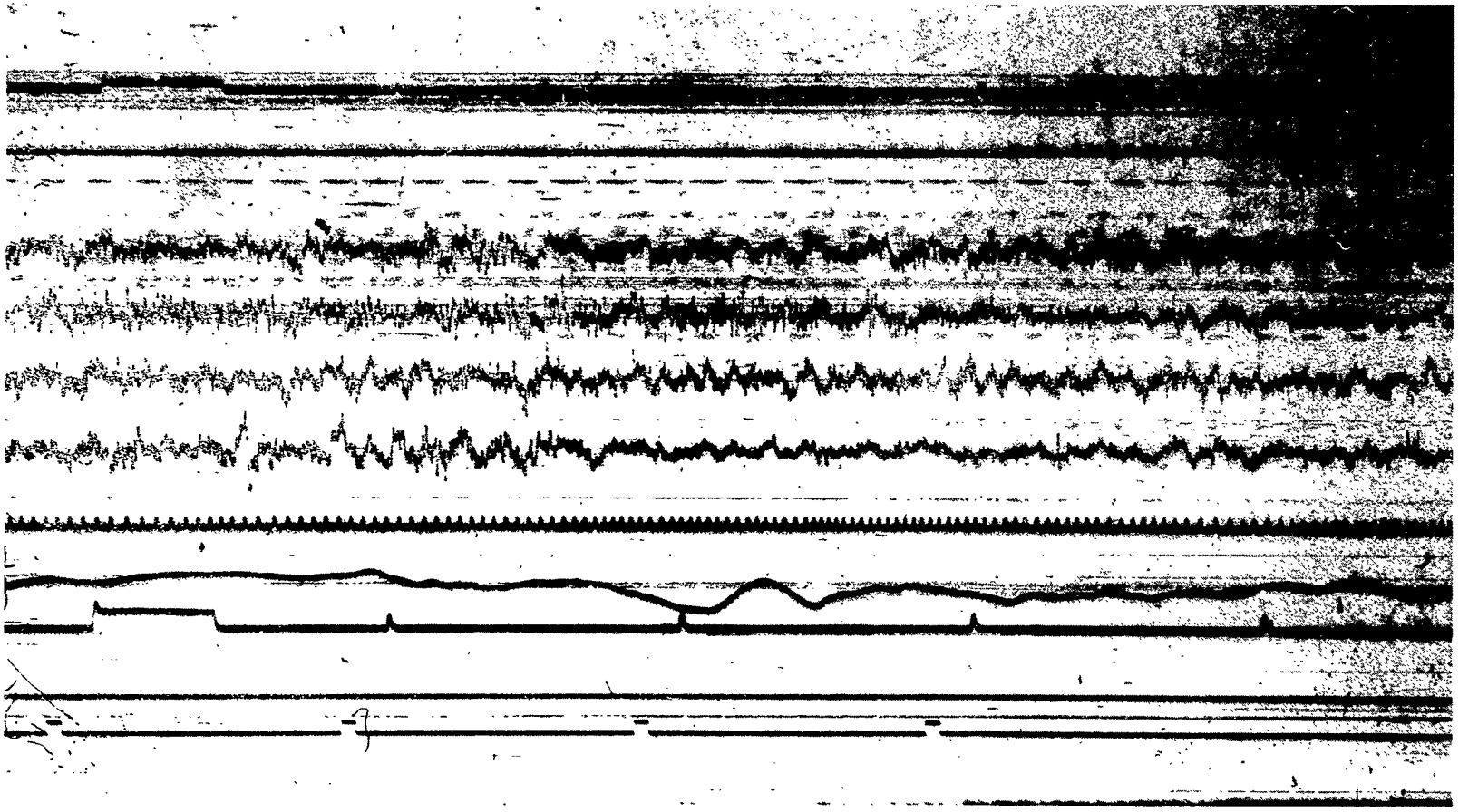
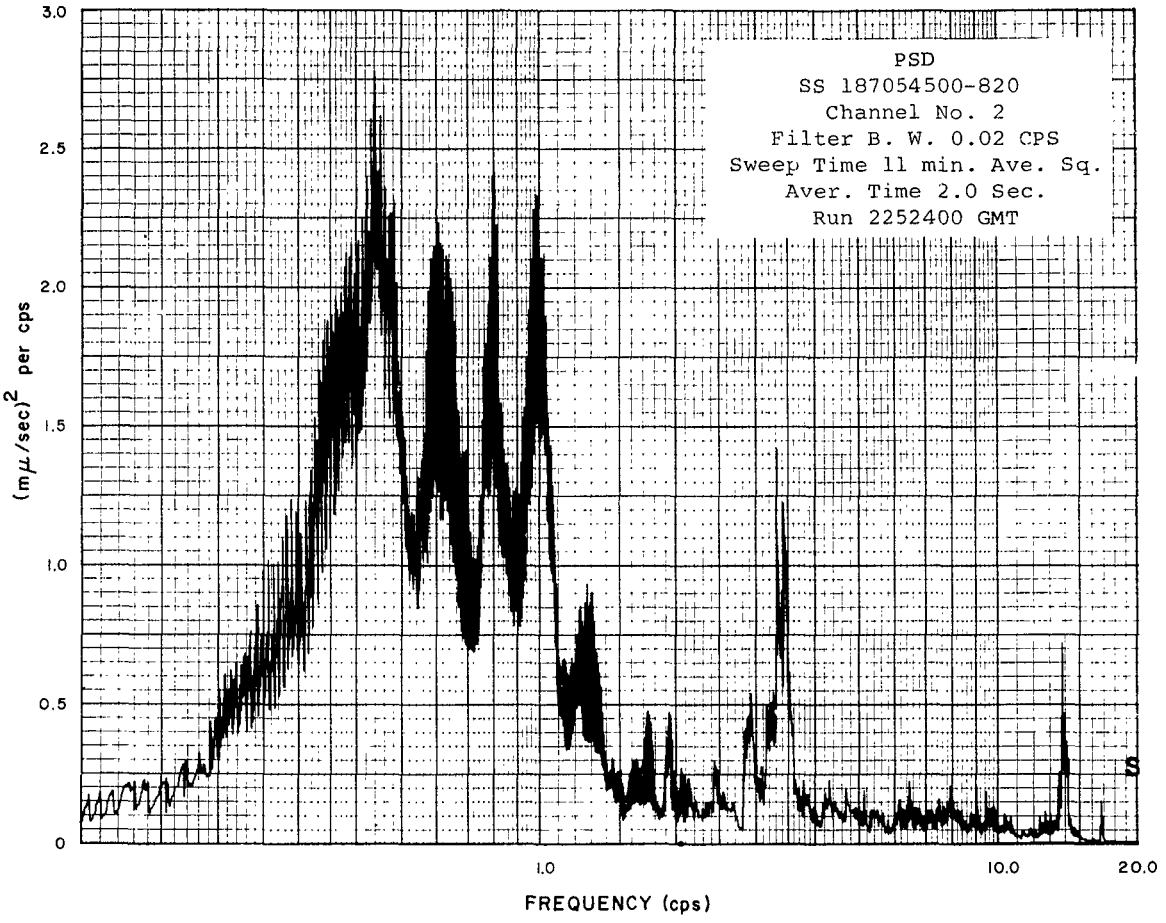
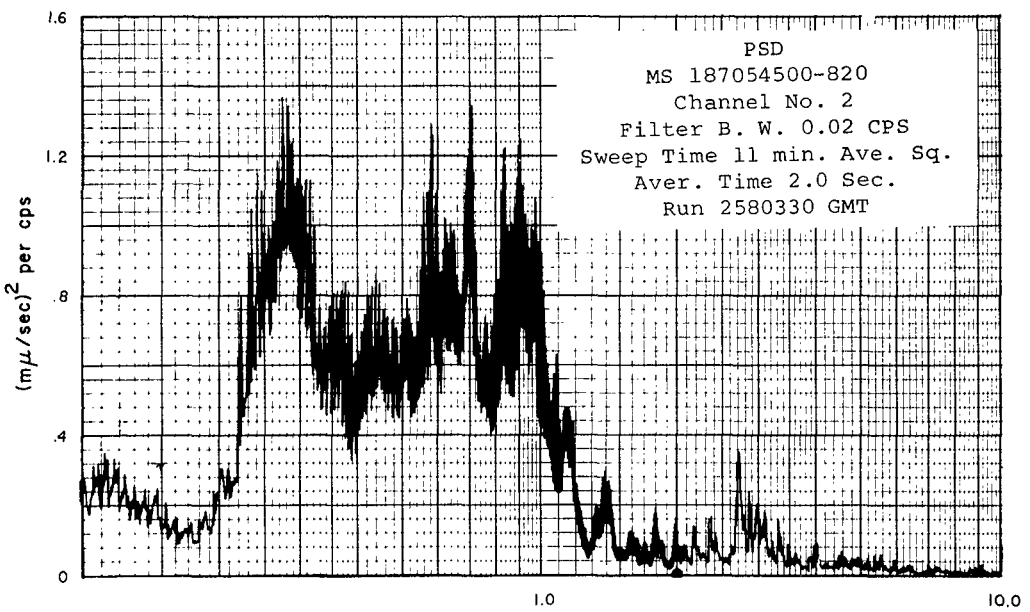


Figure 6.7.1.8a TYPICAL SEISMIC NOISE AT PANAMINT
SS 187-05:45:00Z SP Atten: - 20db



Panamint

Figure 6.7.1.8b



Round Mountain

Figure 6.7.1.8c

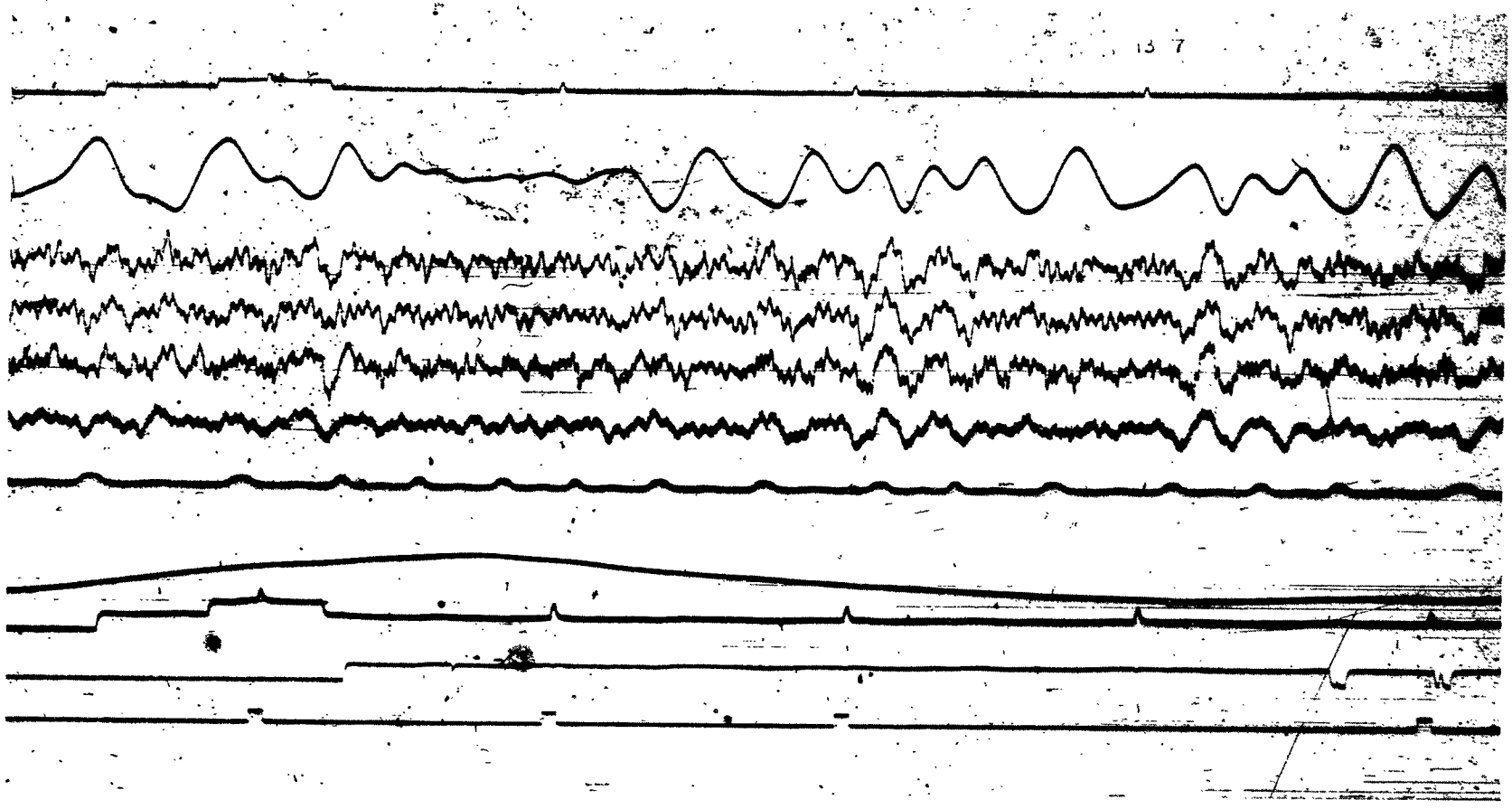
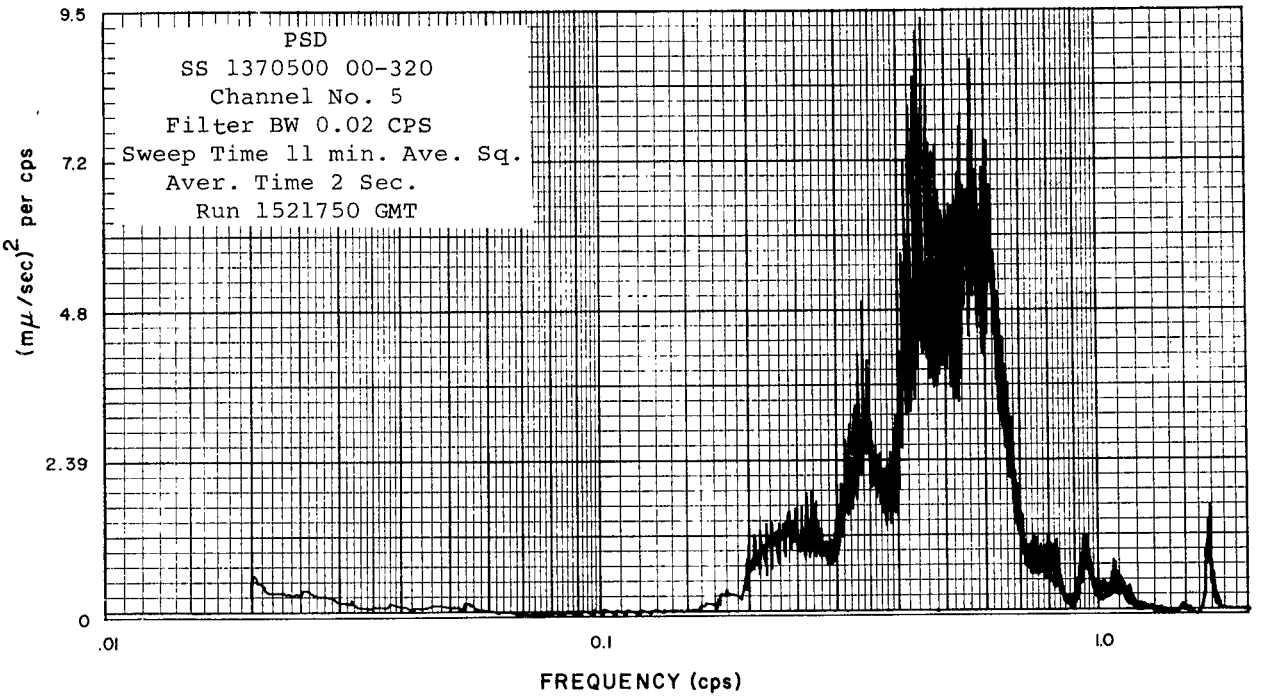
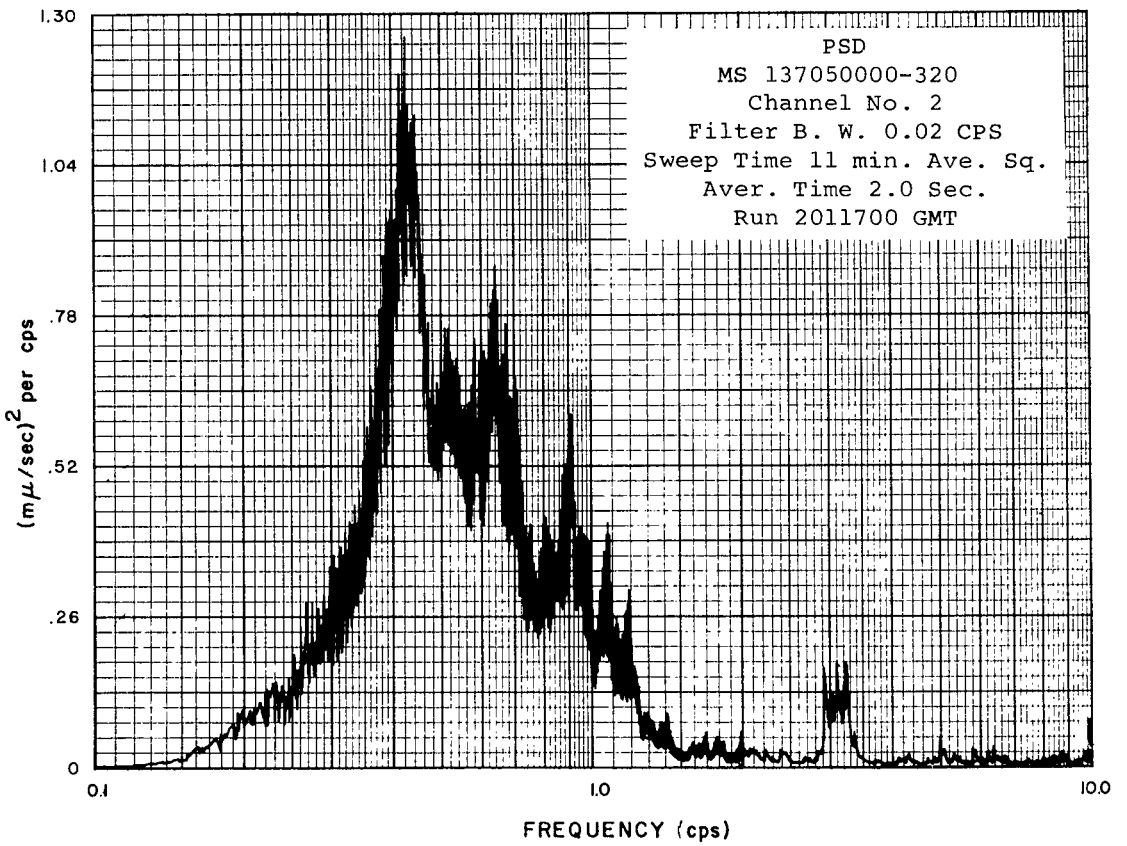


Figure 6.7.1.9a TYPICAL SEISMIC NOISE AT DEATH VALLEY
SS 137-05:00:00Z SP Atten: - 20db



Death Valley
Figure 6.7.1.9b



Round Mountain
Figure 6.7.1.9c

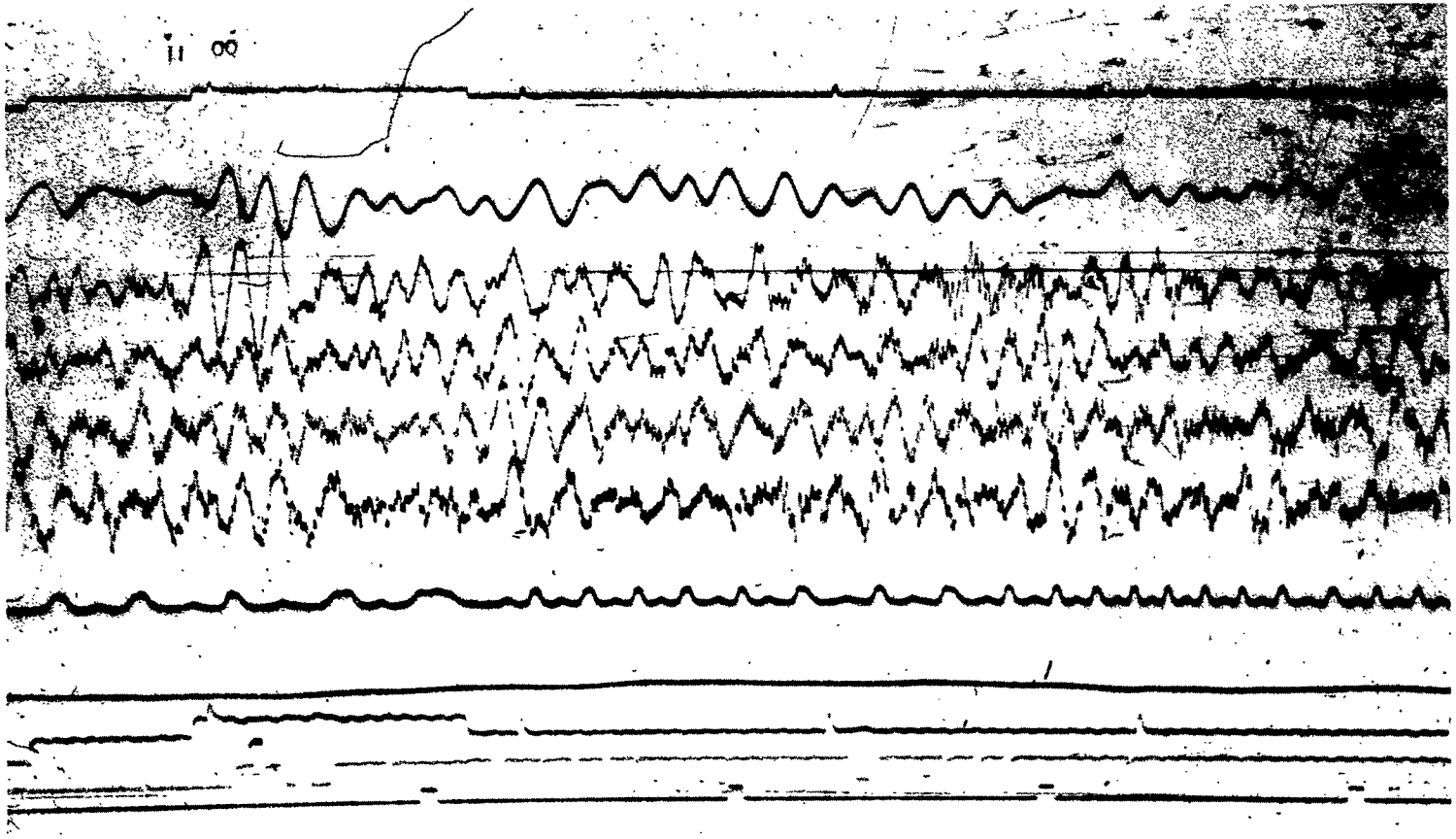
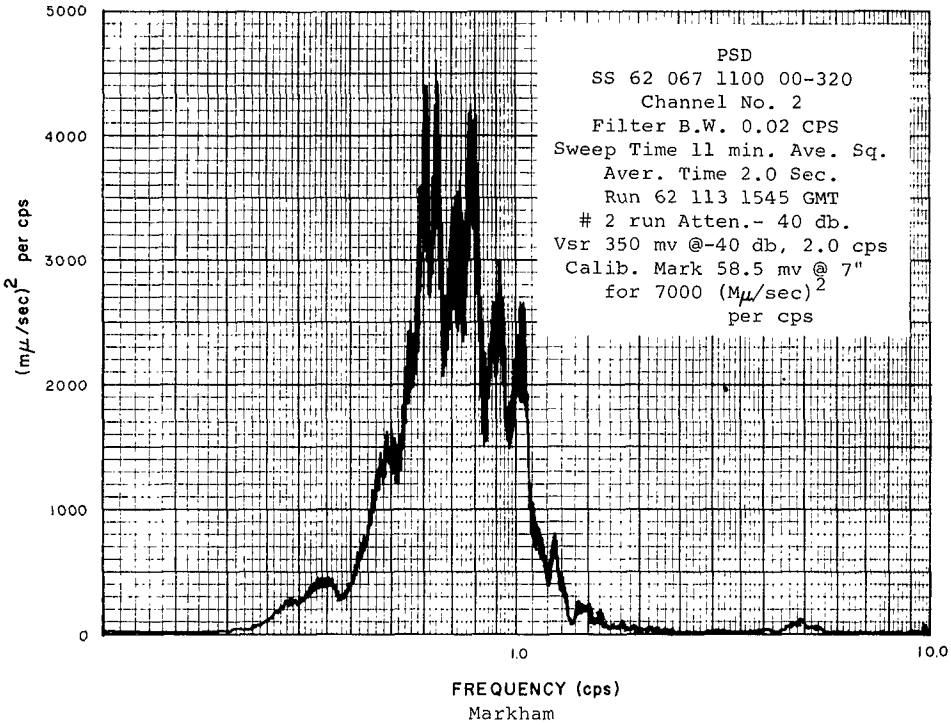


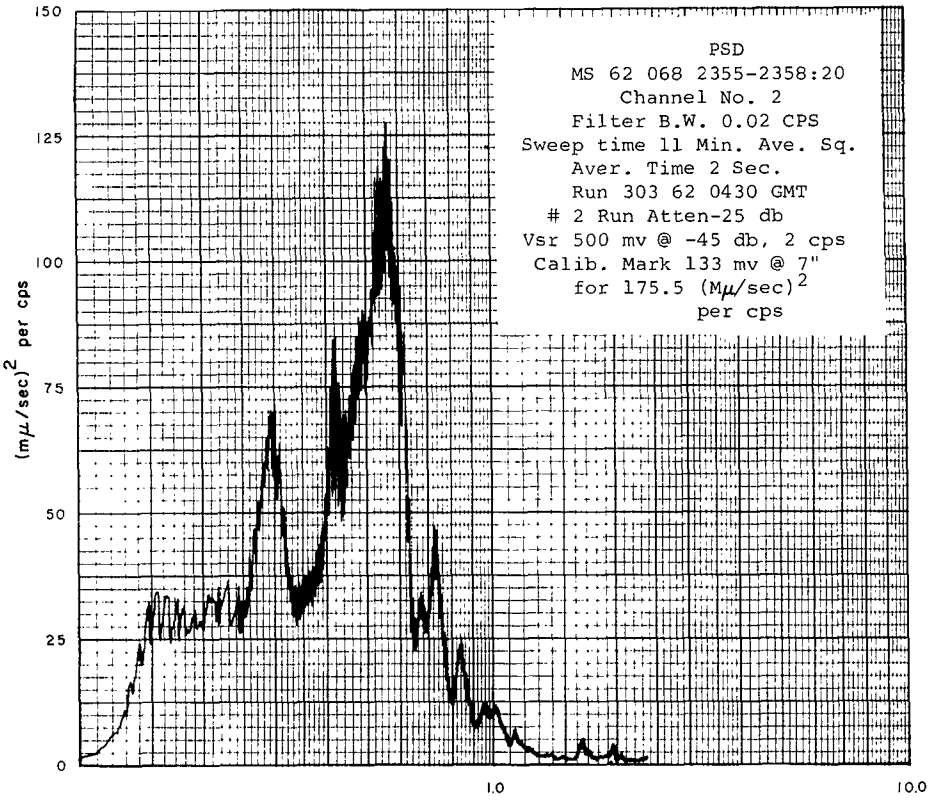
Figure 6.7.2.1a TYPICAL SEISMIC NOISE AT MARKHAM

SS 62-067-11:00:00Z SP Atten: - 40db



Markham

Figure 6.7.2.1b



Toppenish Ridge

Figure 6.7.2.1c

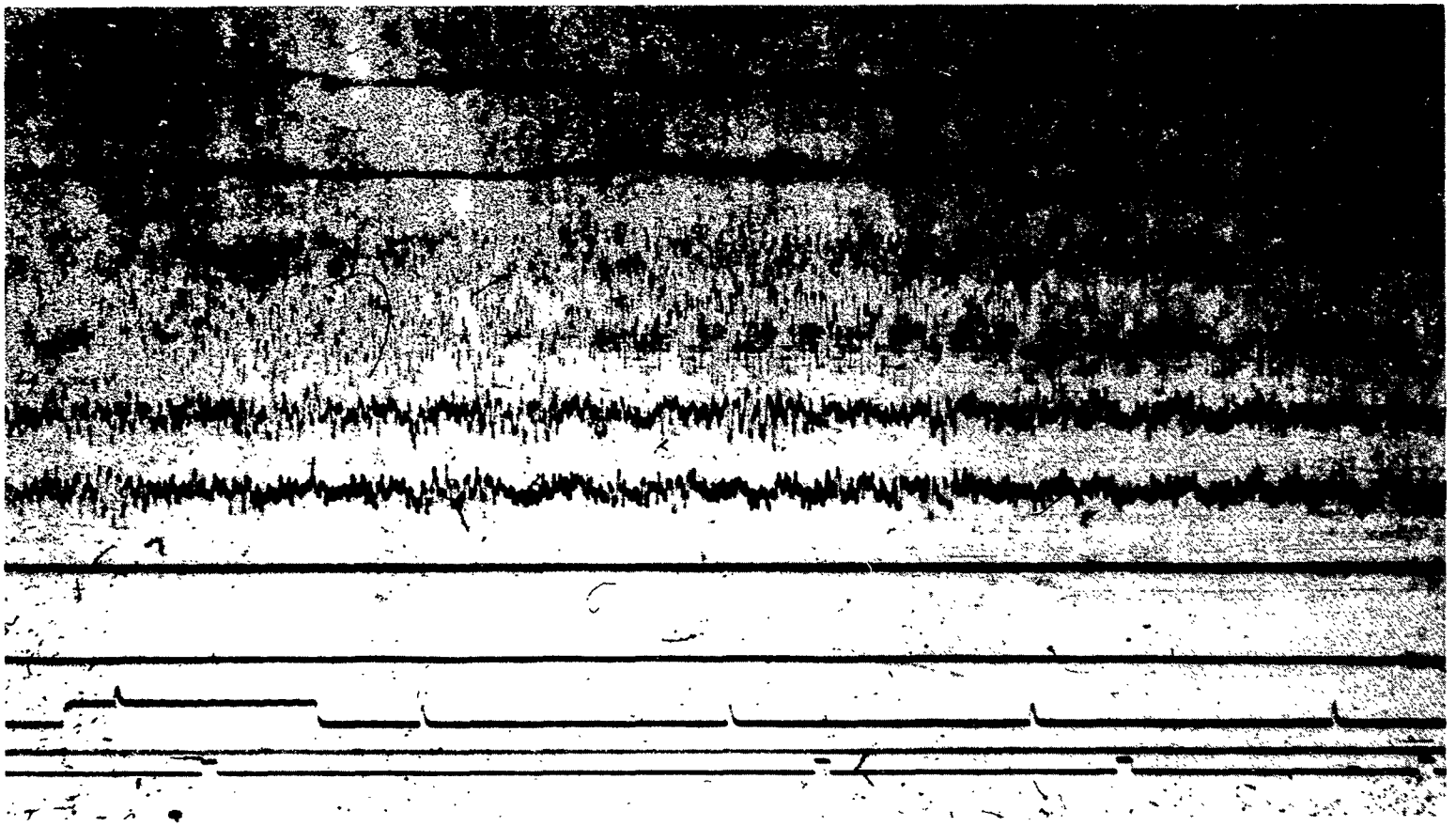
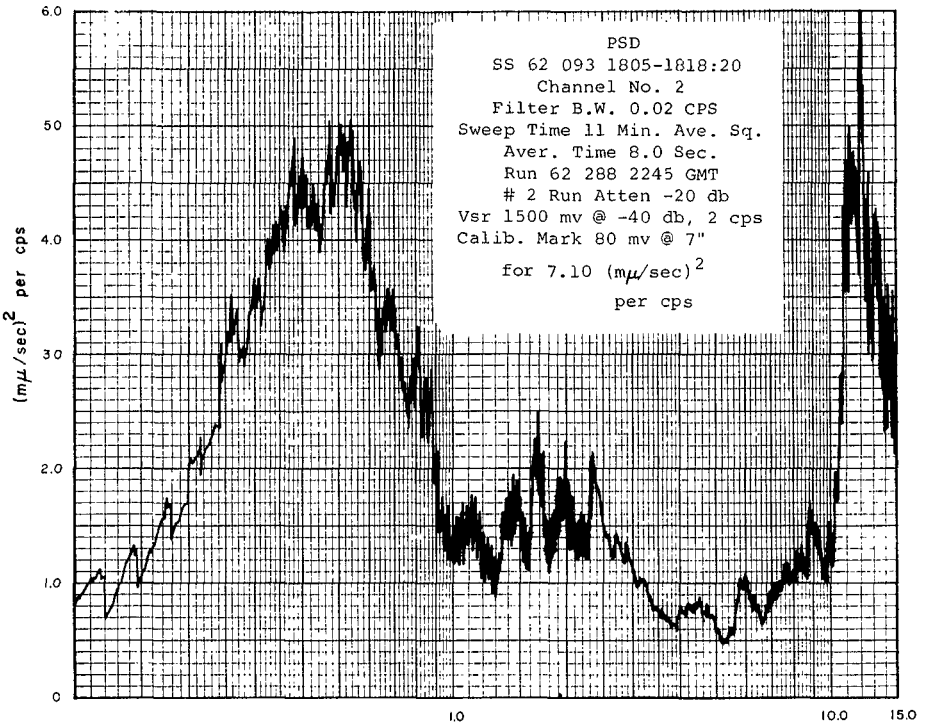
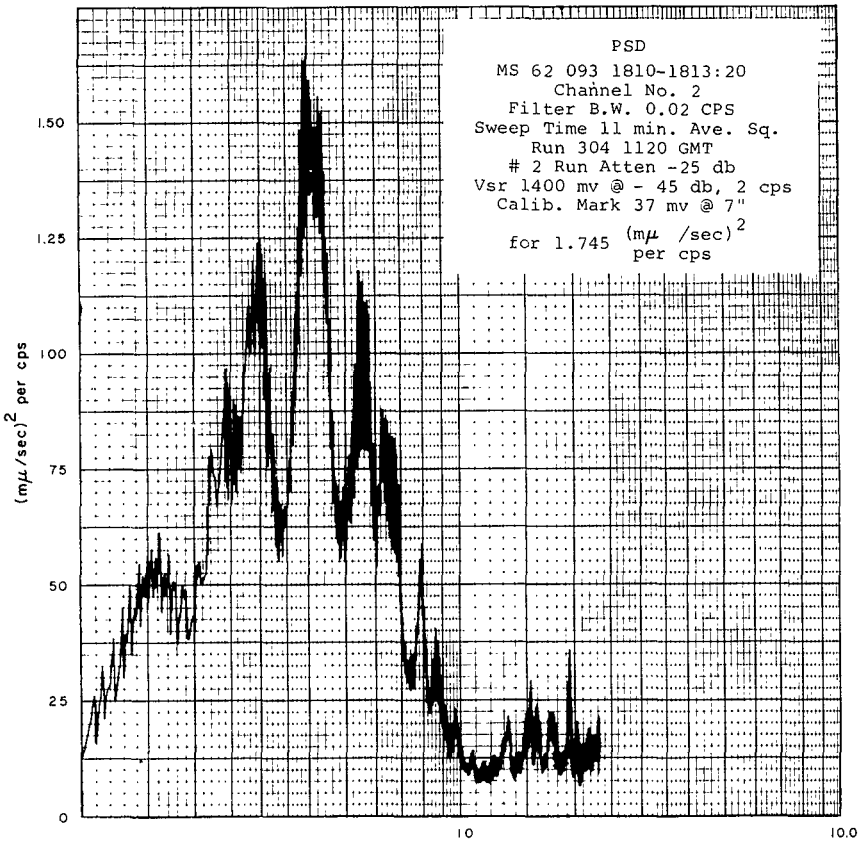


Figure 6.7.2.2a TYPICAL SEISMIC NOISE AT MENDOTA
SS 62-093-18:05:00Z SP Atten: - 20db



Mendota

Figure 6.7.2.2b



Toppenish Ridge

Figure 6.7.2.2c

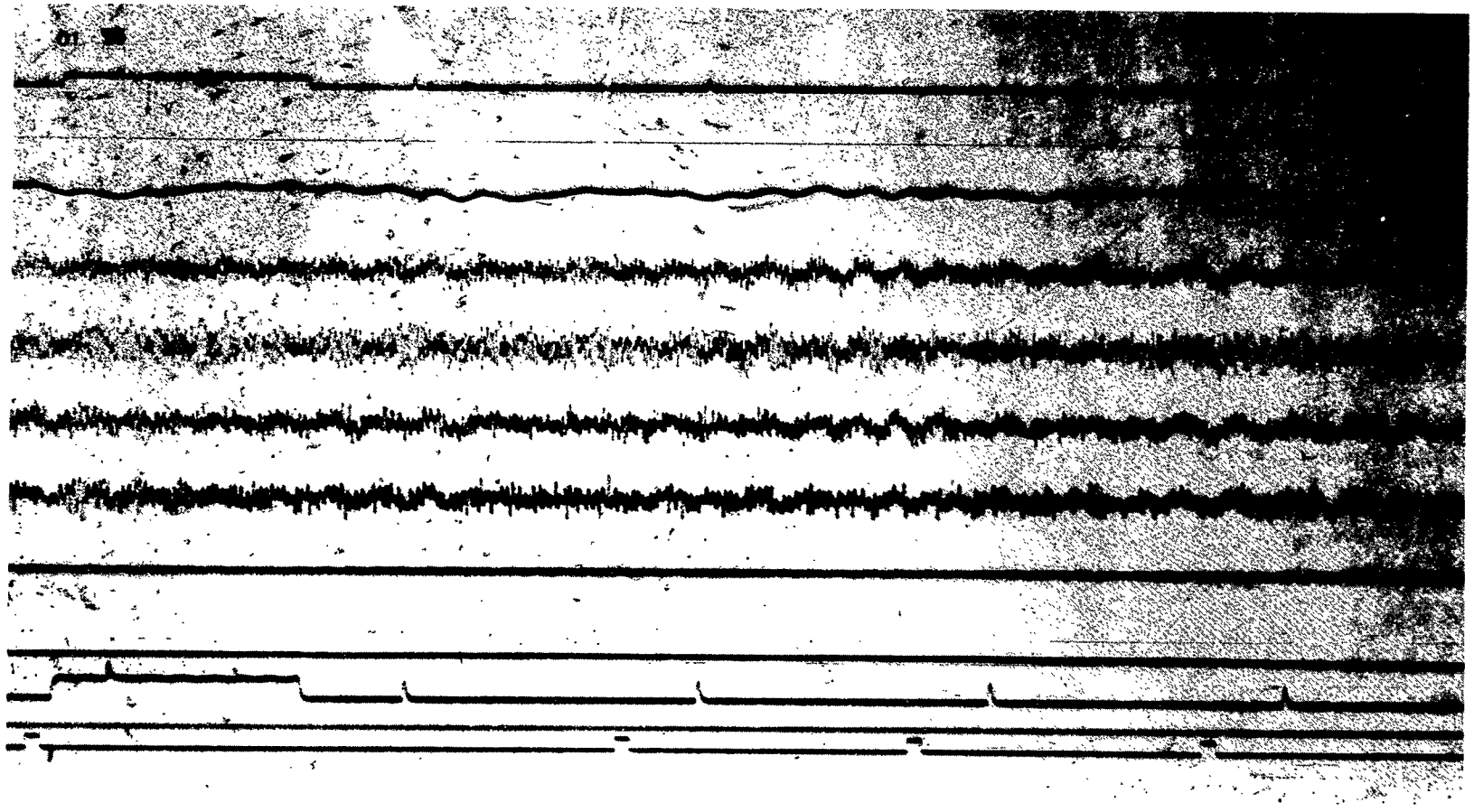
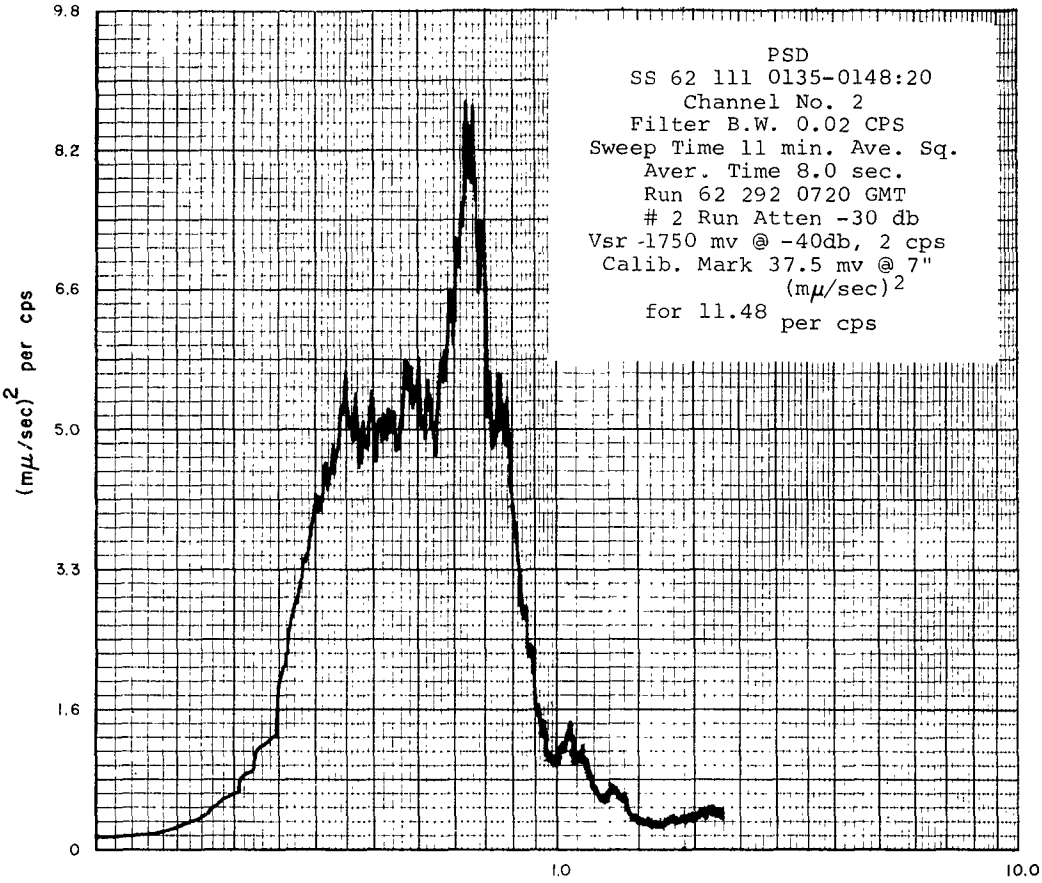
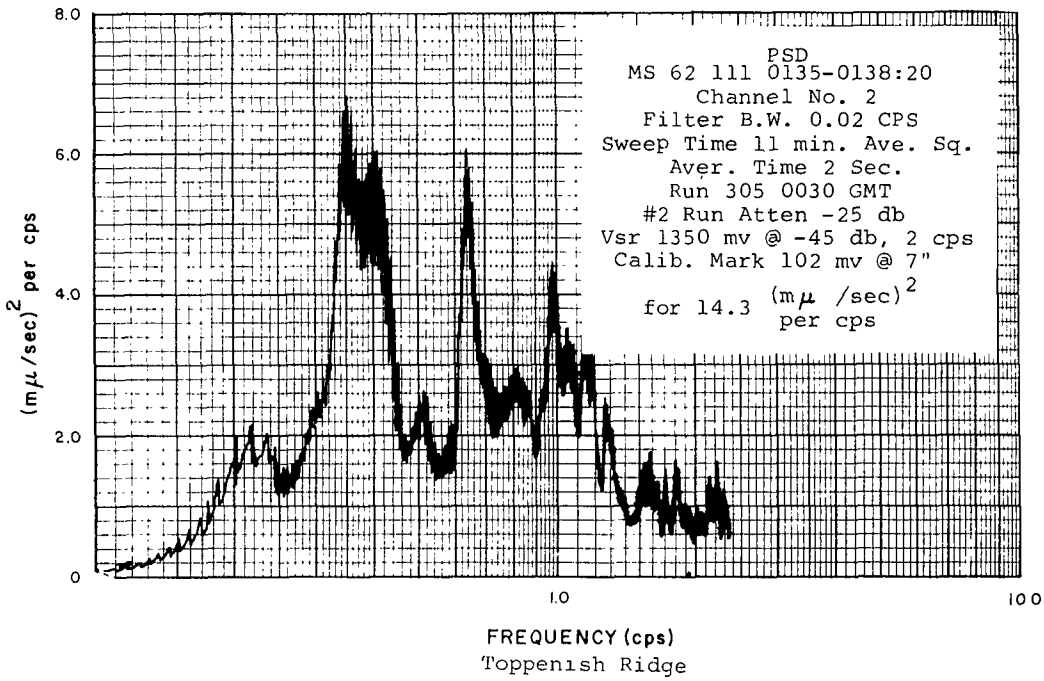


Figure 6.7.2.3a TYPICAL SEISMIC NOISE AT RANDLE
SS 62-11-01:35:00Z SP Atten: - 30db



Randle

Figure 6.7.2.3b



Toppenish Ridge

Figure 6.7.2.3c

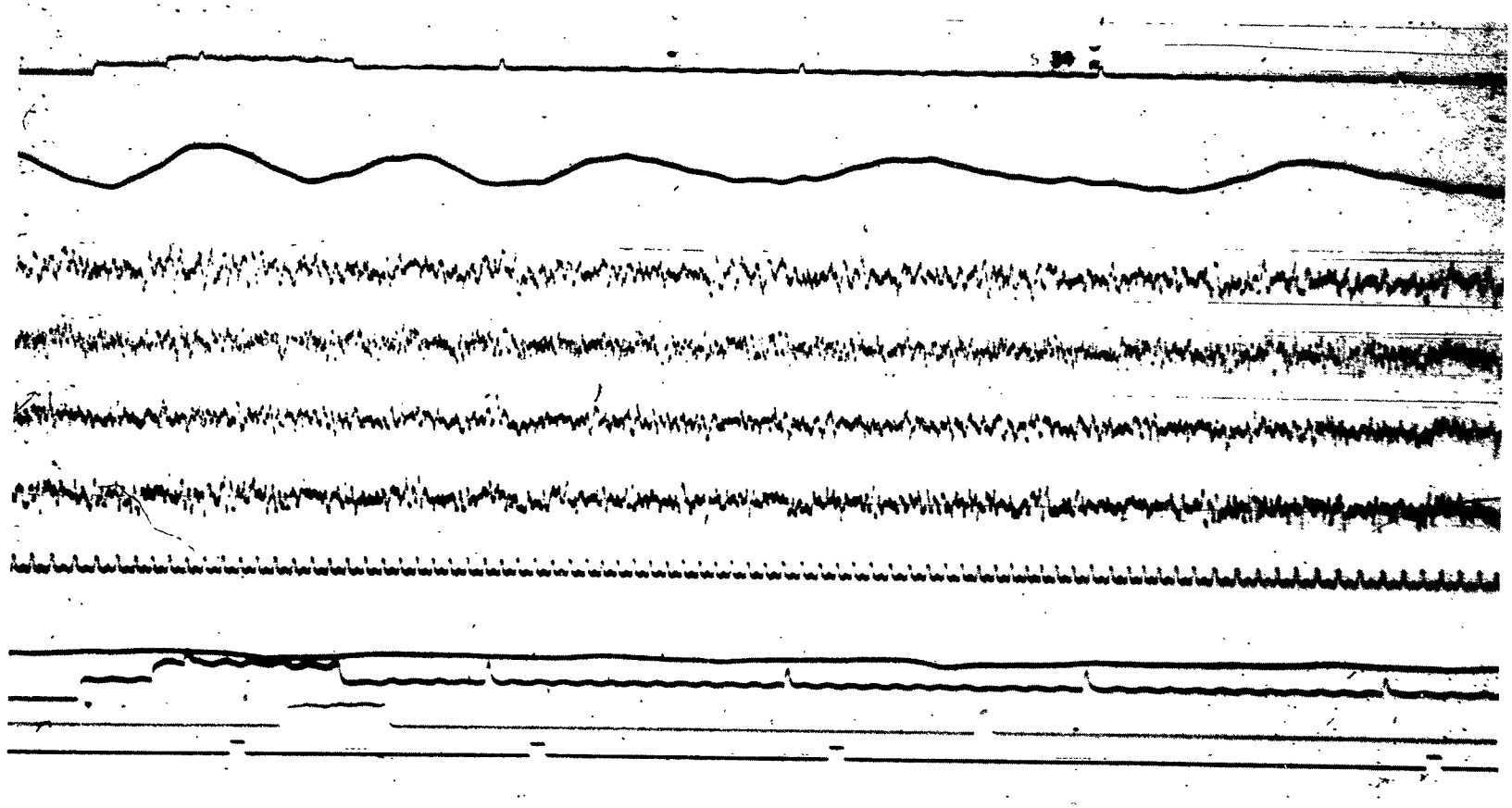
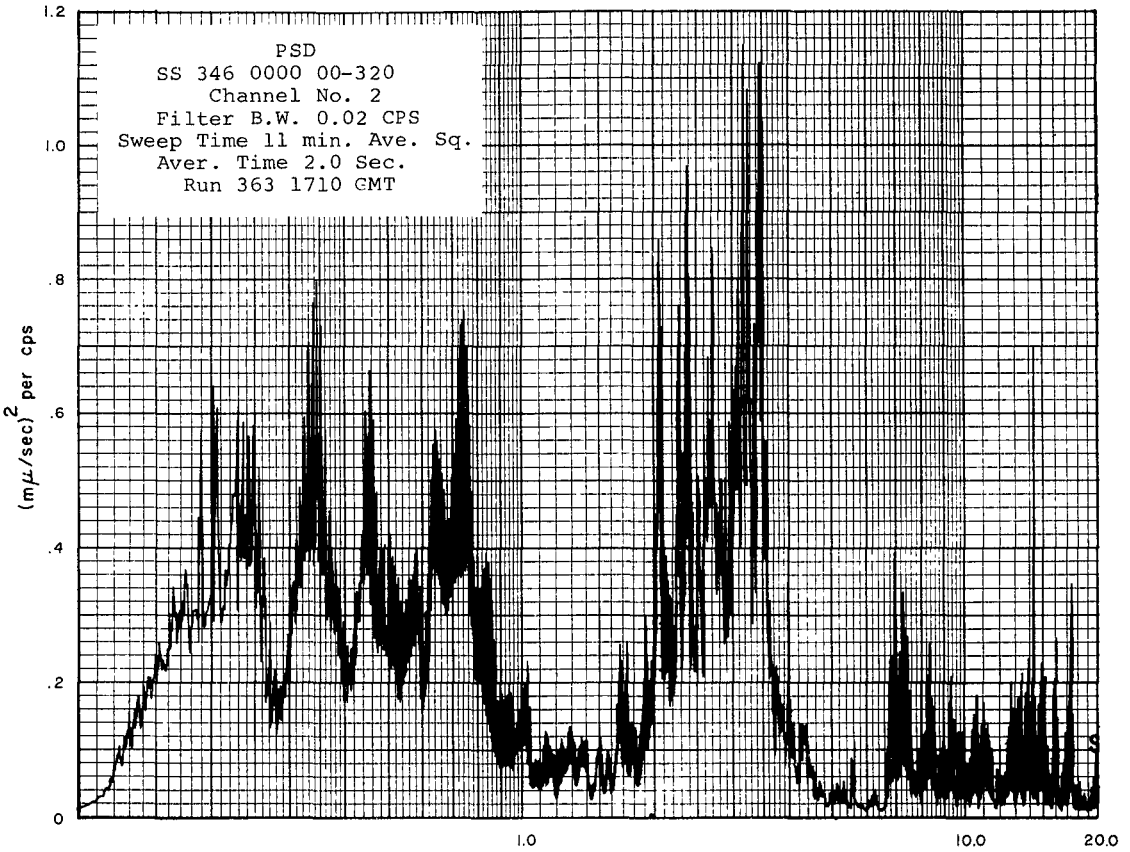
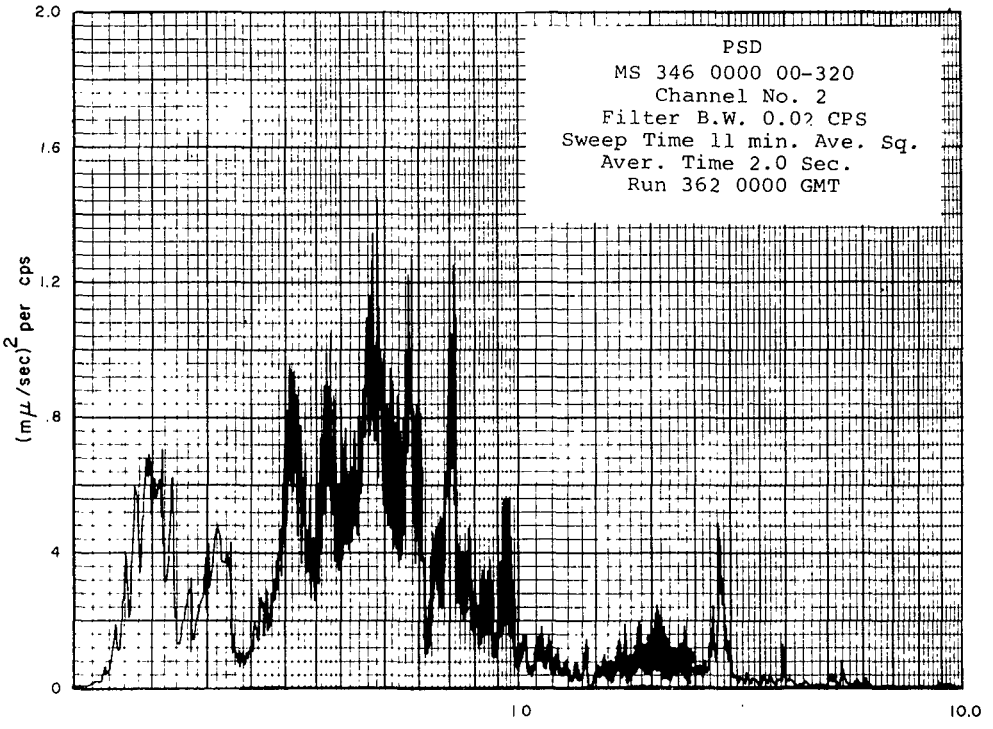


Figure 6.7.2.4a TYPICAL SEISMIC NOISE AT MABTON
SS 346-00:00:00Z SP Atten: - 20db



Mabton

Figure 6.7.2.4b



Toppenish Ridge

Figure 6.7.2.4c

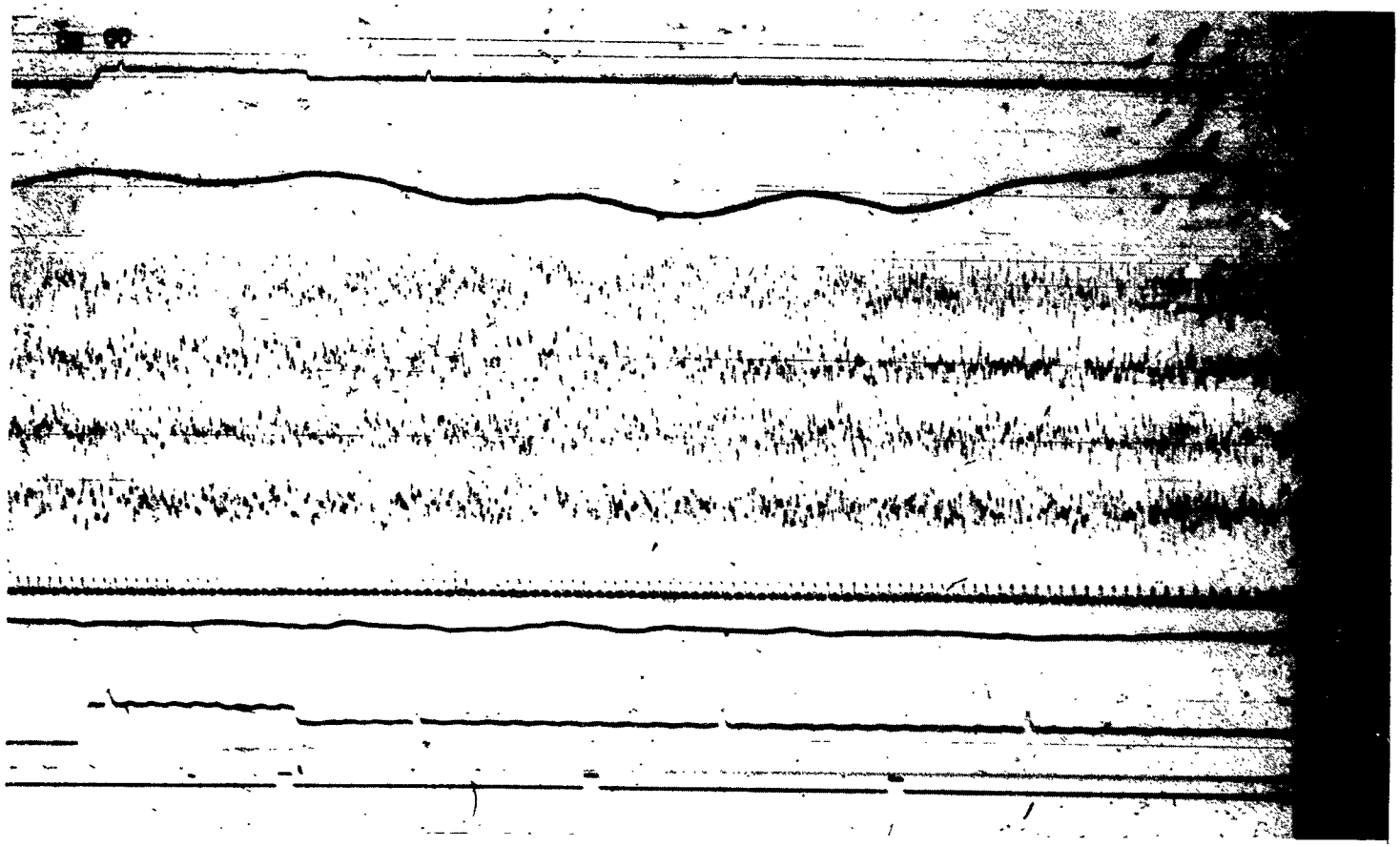
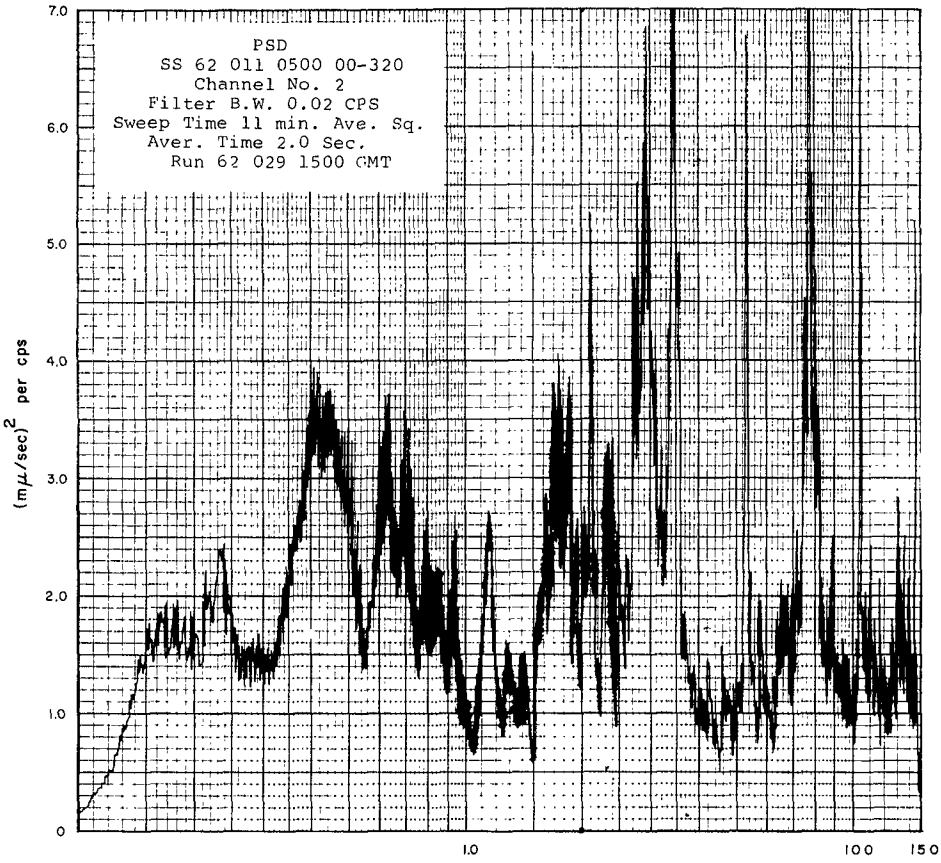
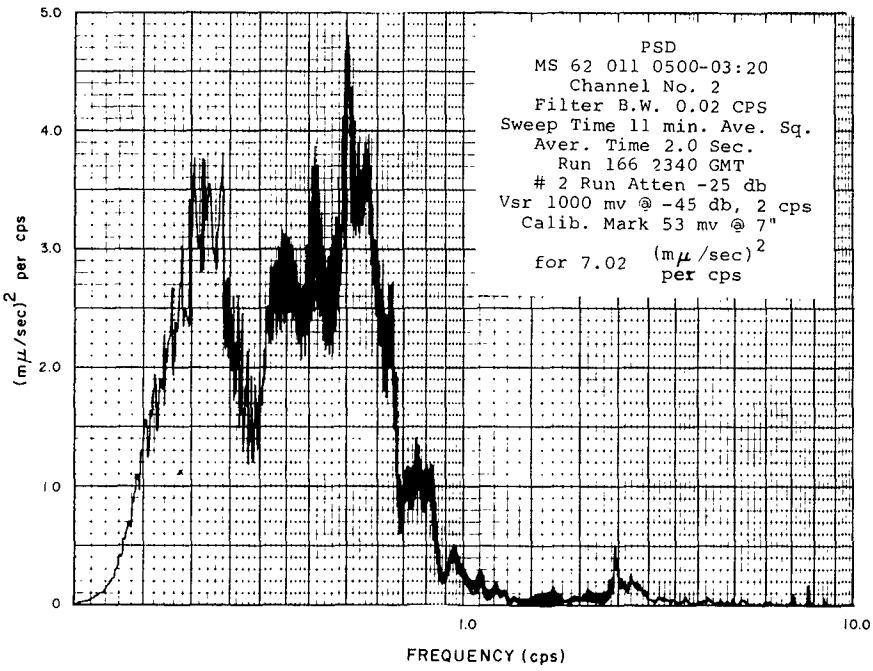


Figure 6.7.2.5a TYPICAL SEISMIC NOISE AT PATERSON
SS 62-011-05:00:00Z SP Atten: - 20db



Paterson

Figure 6.7.2.5b



Toppenish Ridge

Figure 6.7.2.5c

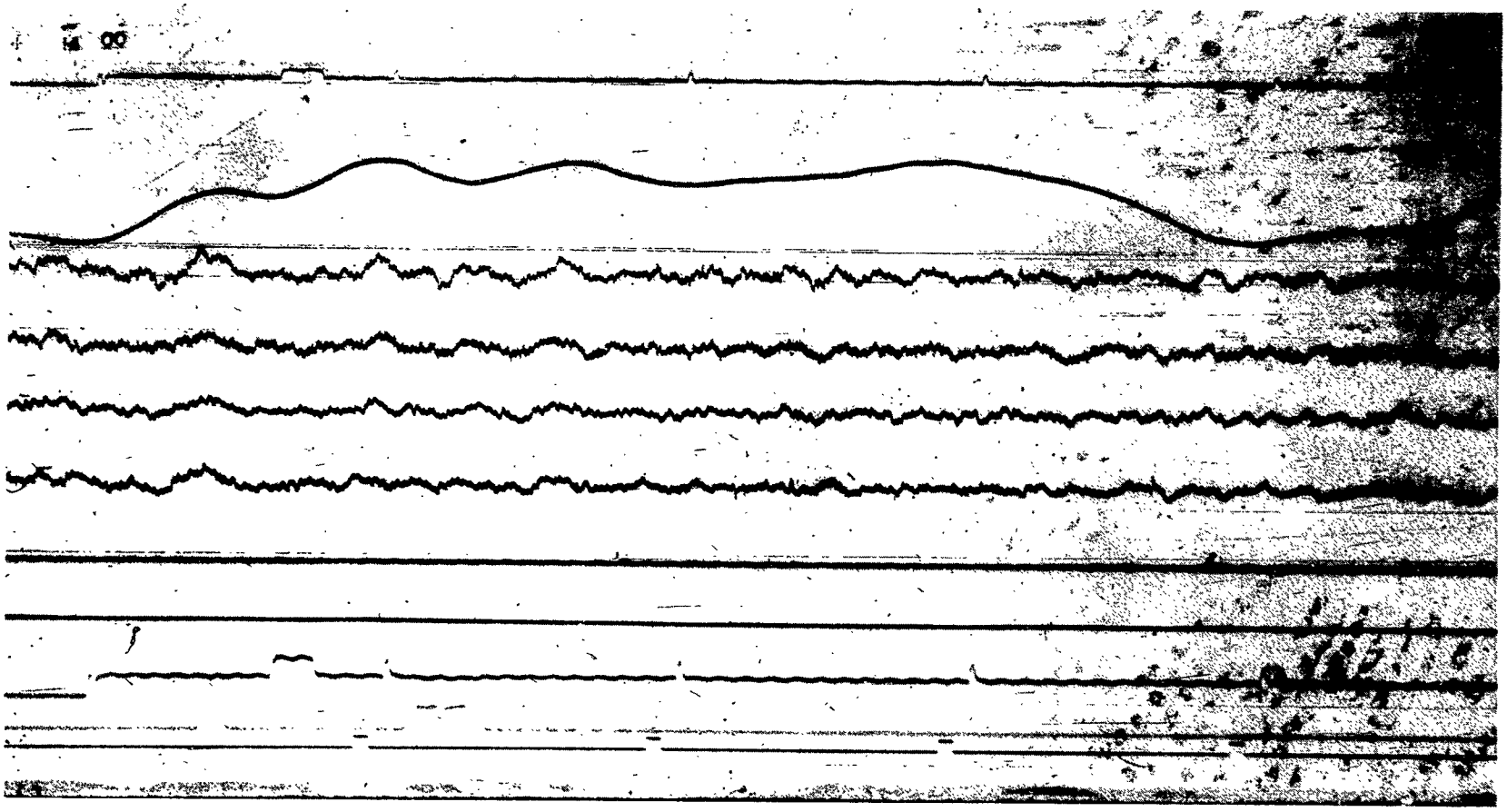
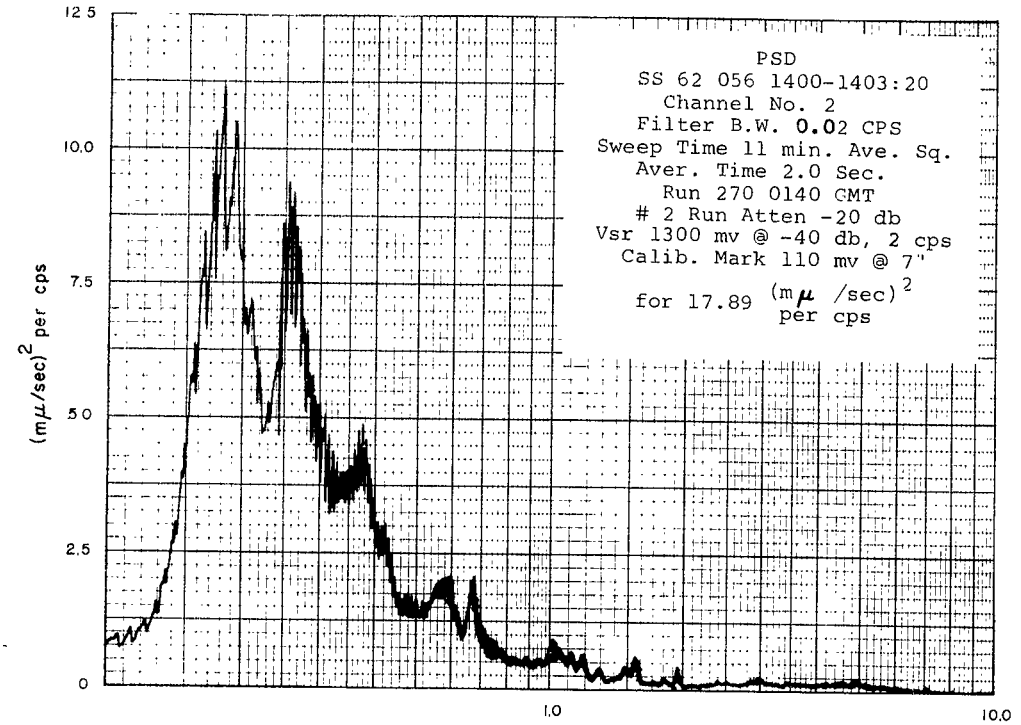
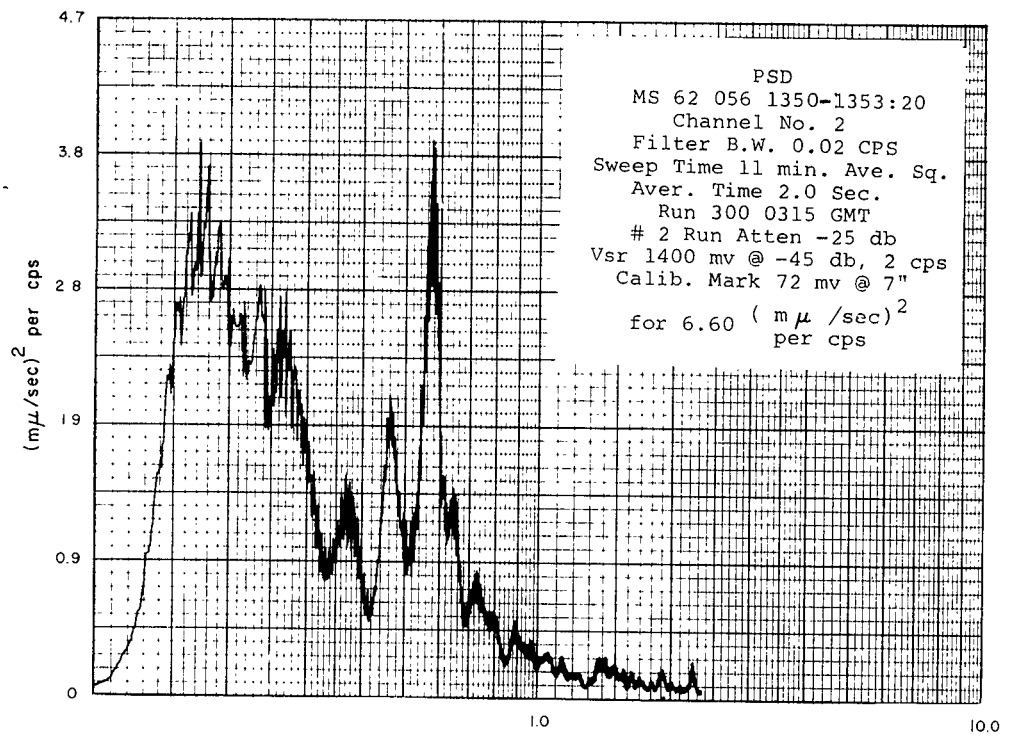


Figure 6.7.2.6a TYPICAL SEISMIC NOISE AT GIBBON
SS 62--056-14:00:00Z SP Atten: - 20db



Gibbon

Figure 6.7.2.6b



Toppenish Ridge

Figure 6.7.2.6c

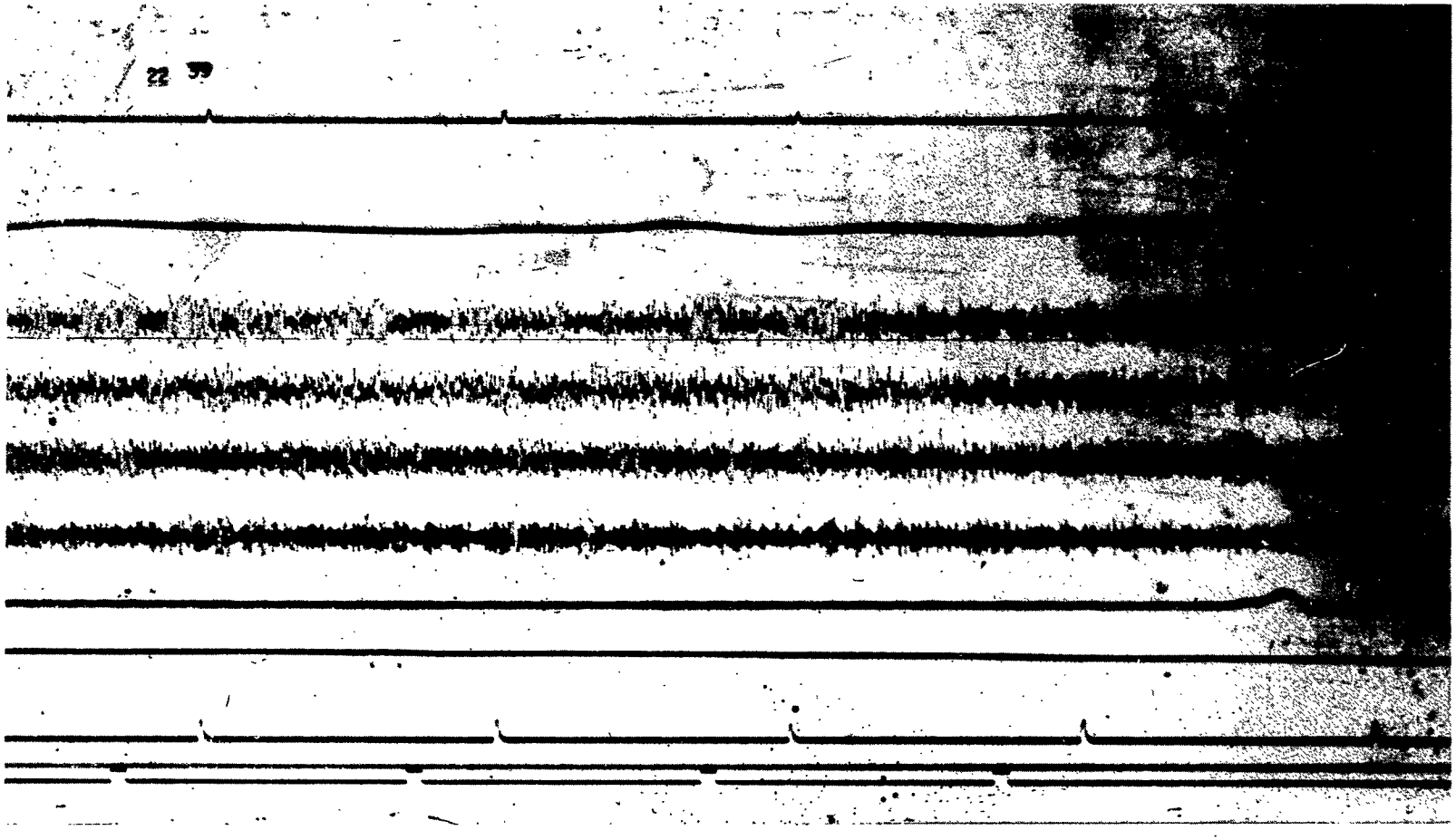
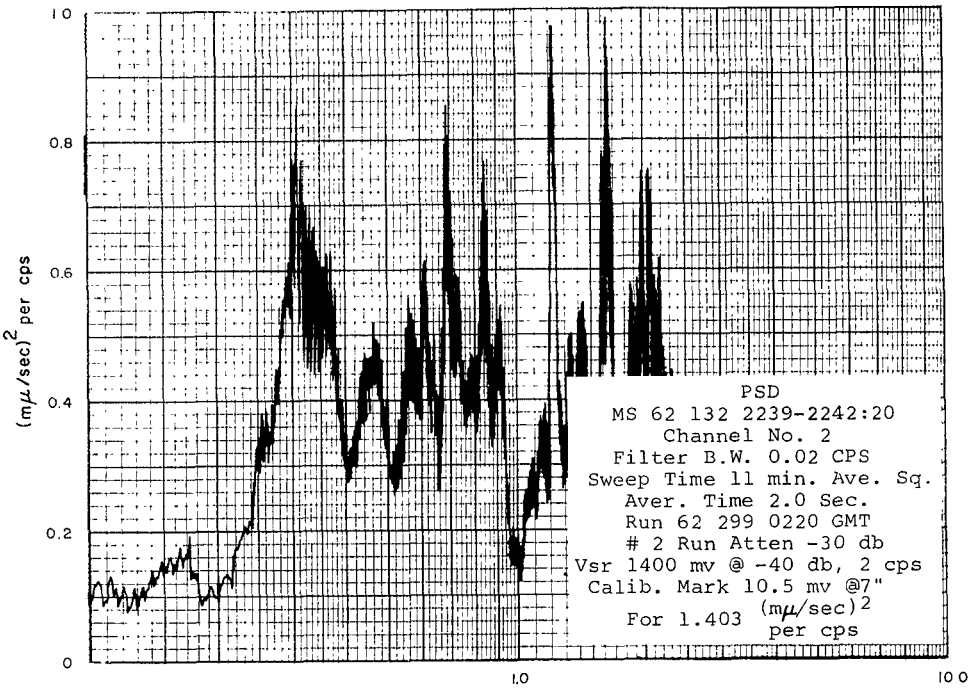
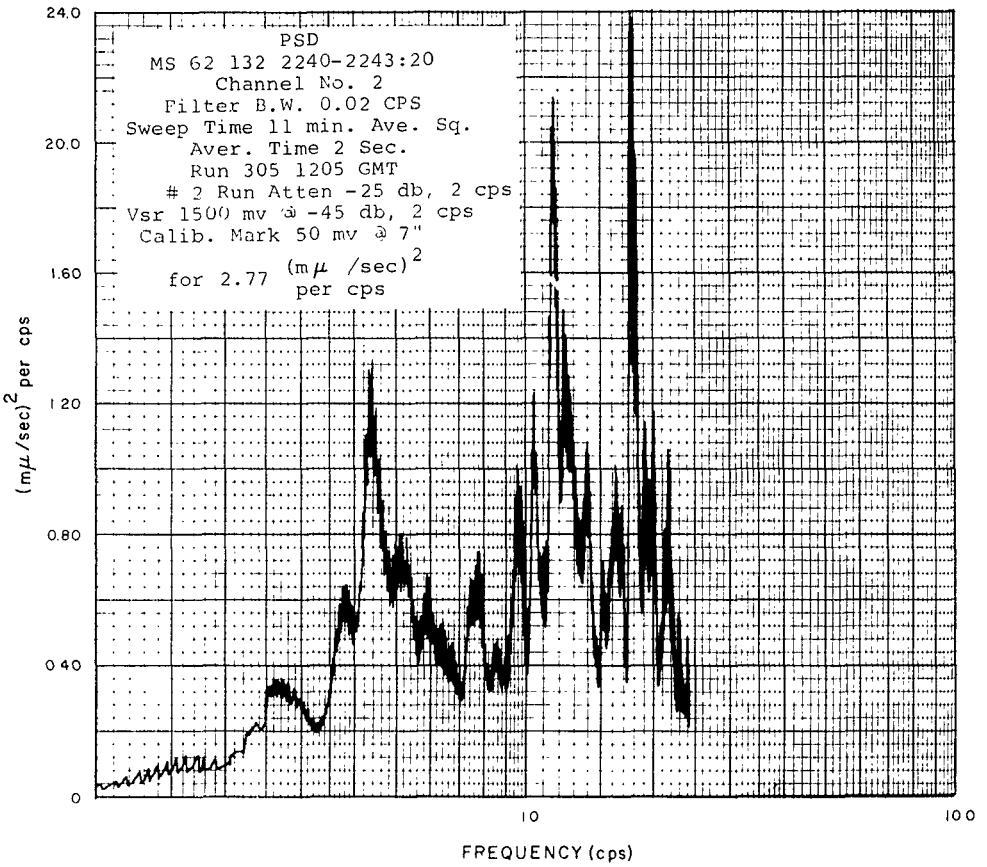


Figure 6.7.2.7a TYPICAL SEISMIC NOISE AT ARMIN
SS 62-132-22:39:00Z SP Atten: - 30db



Armin

Figure 6.7.2.7b



Toppenish Ridge

Figure 6.7.2.7c

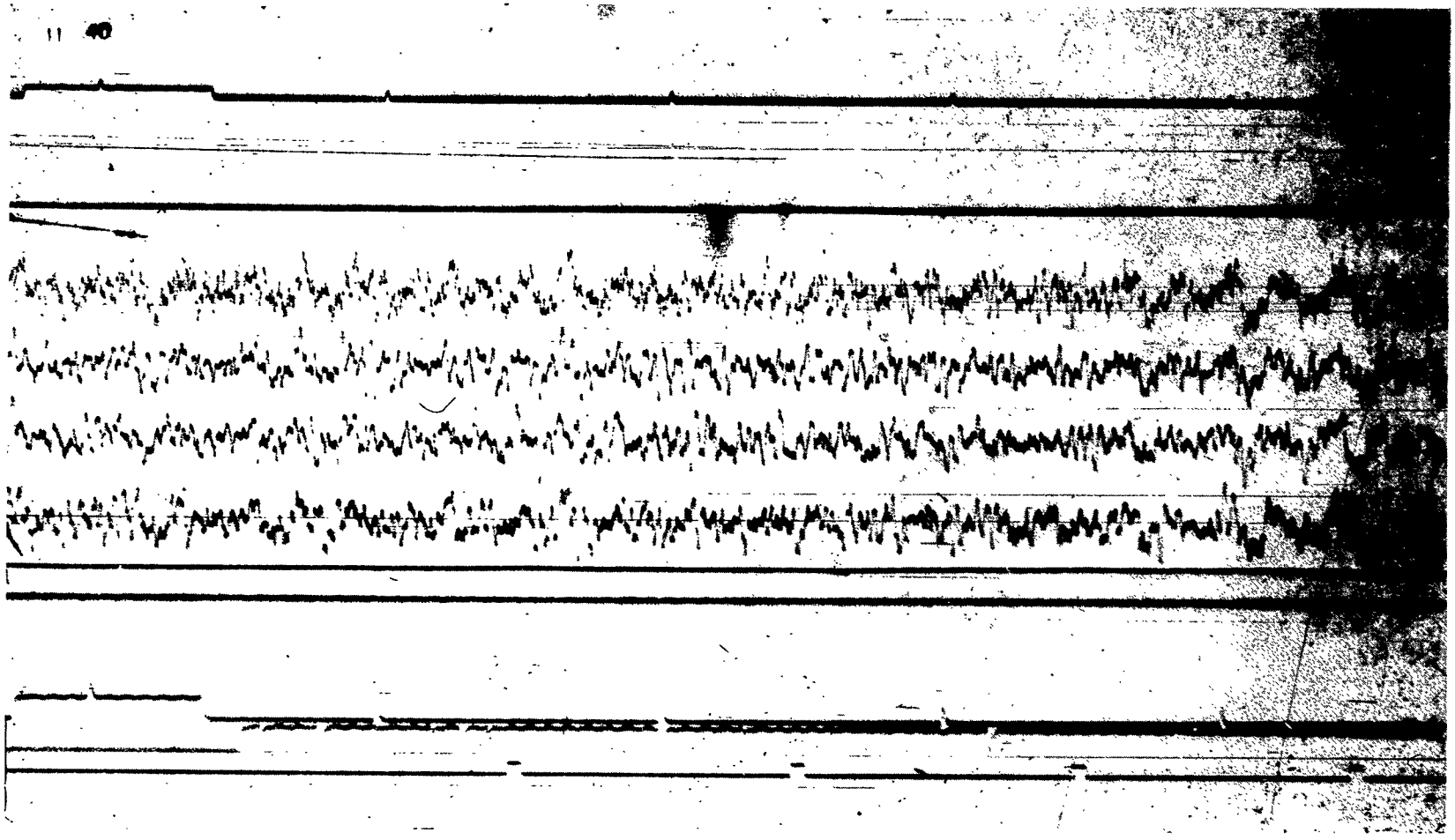
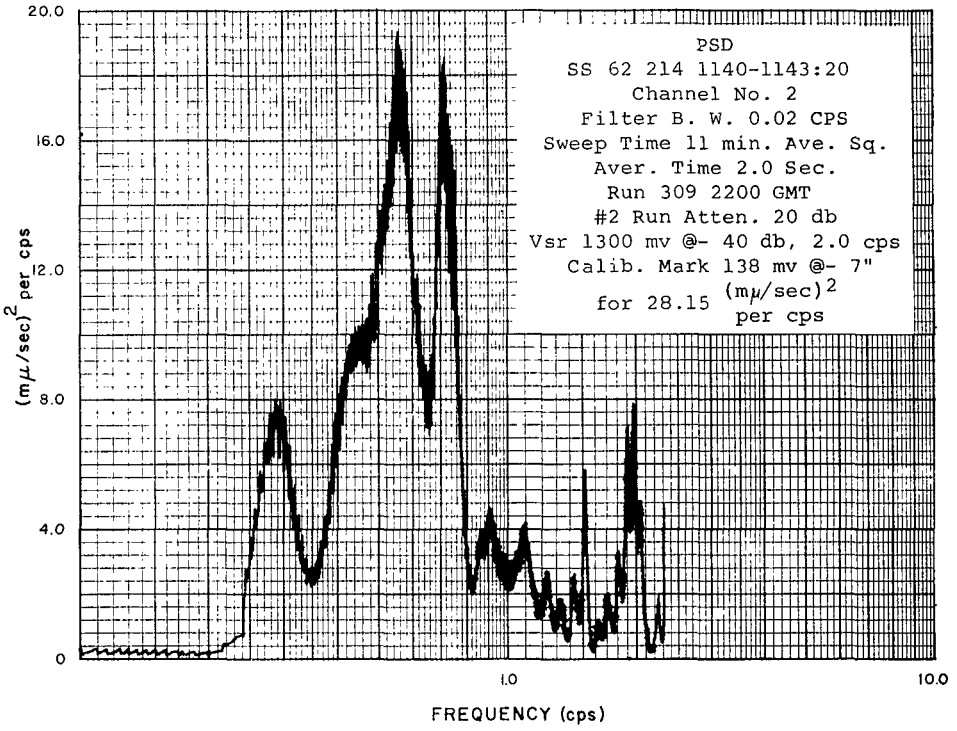
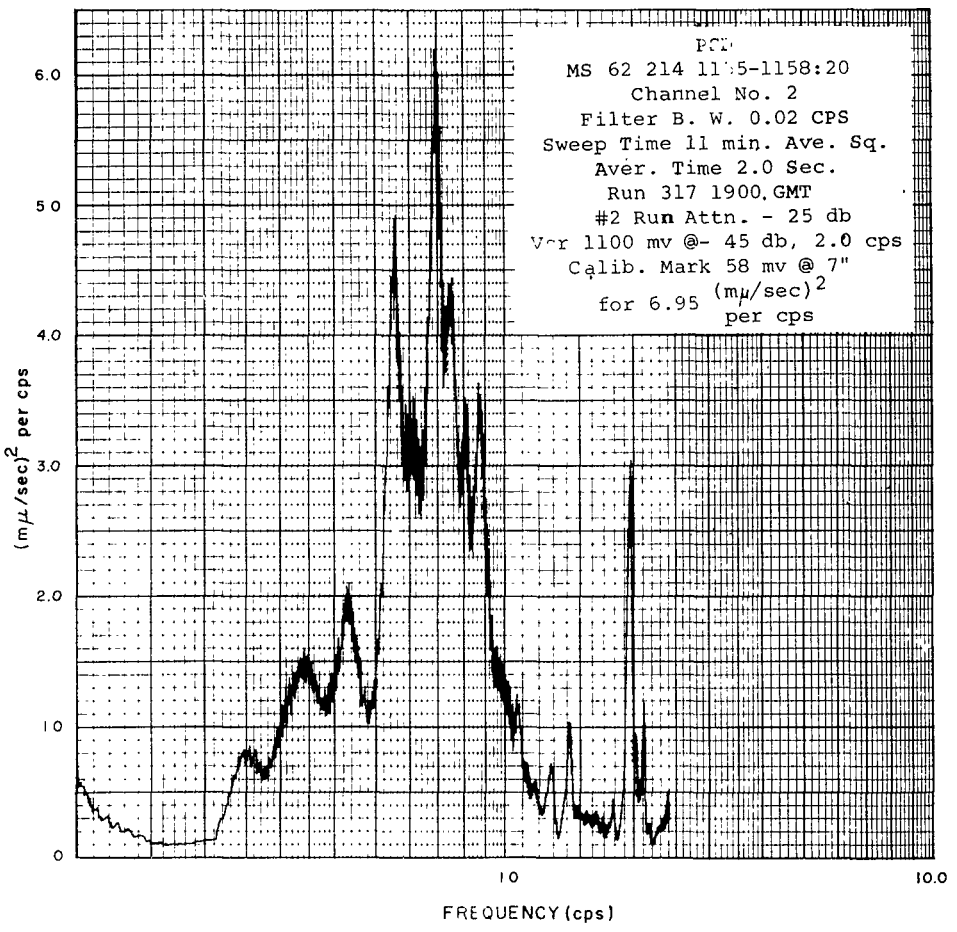


Figure 6.7.3.1a TYPICAL SEISMIC NOISE AT BIRCH RIVER
SS 62-214-11:40:00Z SP Atten: - 20db



Birch River
Figure 6.7.3.1b



[illegible] Springs
[illegible] 6.7.3.1c

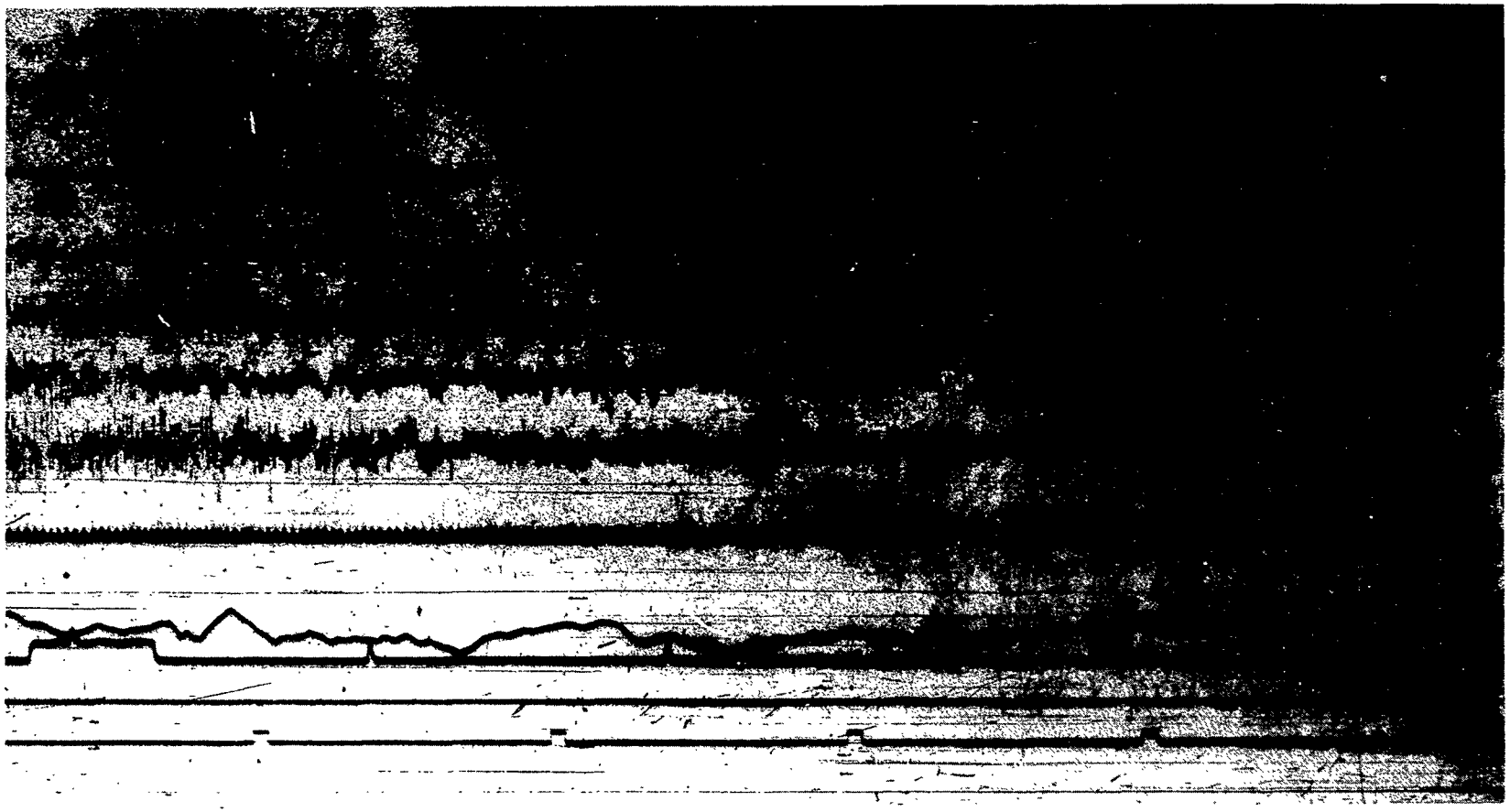
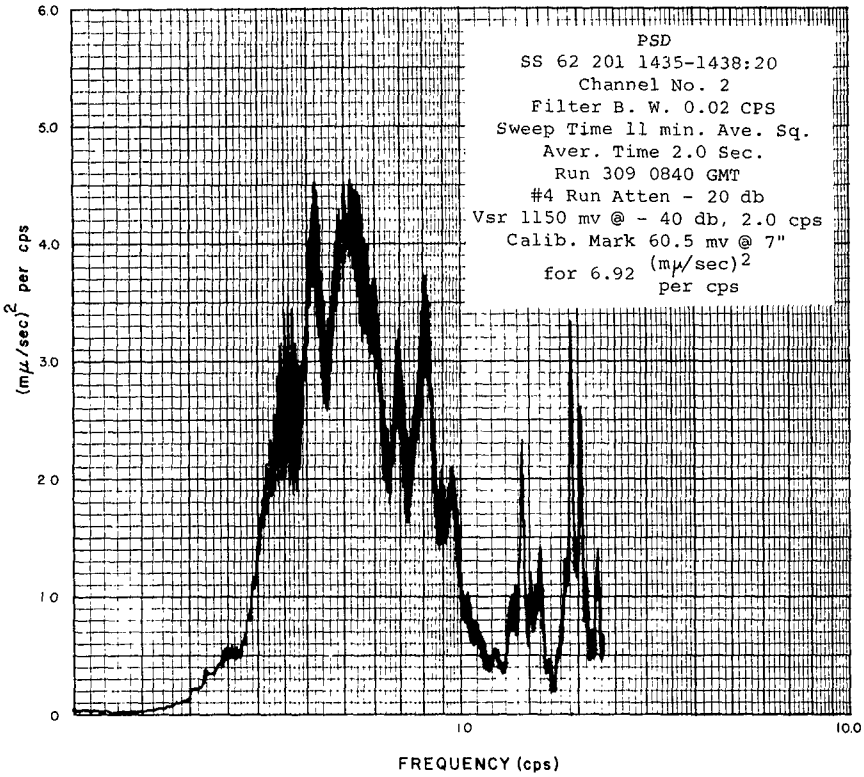
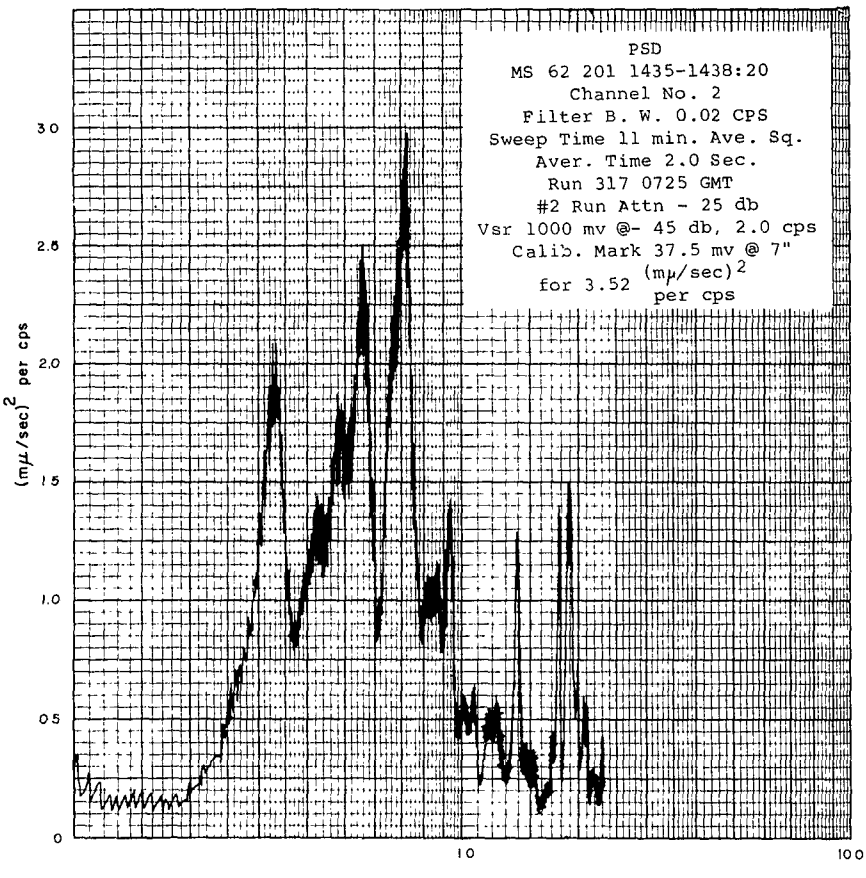


Figure 6.7.3.2a TYPICAL SEISMIC NOISE AT BUENA VISTA
SS 62-201-14:35:00Z SP Atten: - 20db



Buena Vista
Figure 6.7.3.2b



Warm Springs
Figure 6.7.3.2c

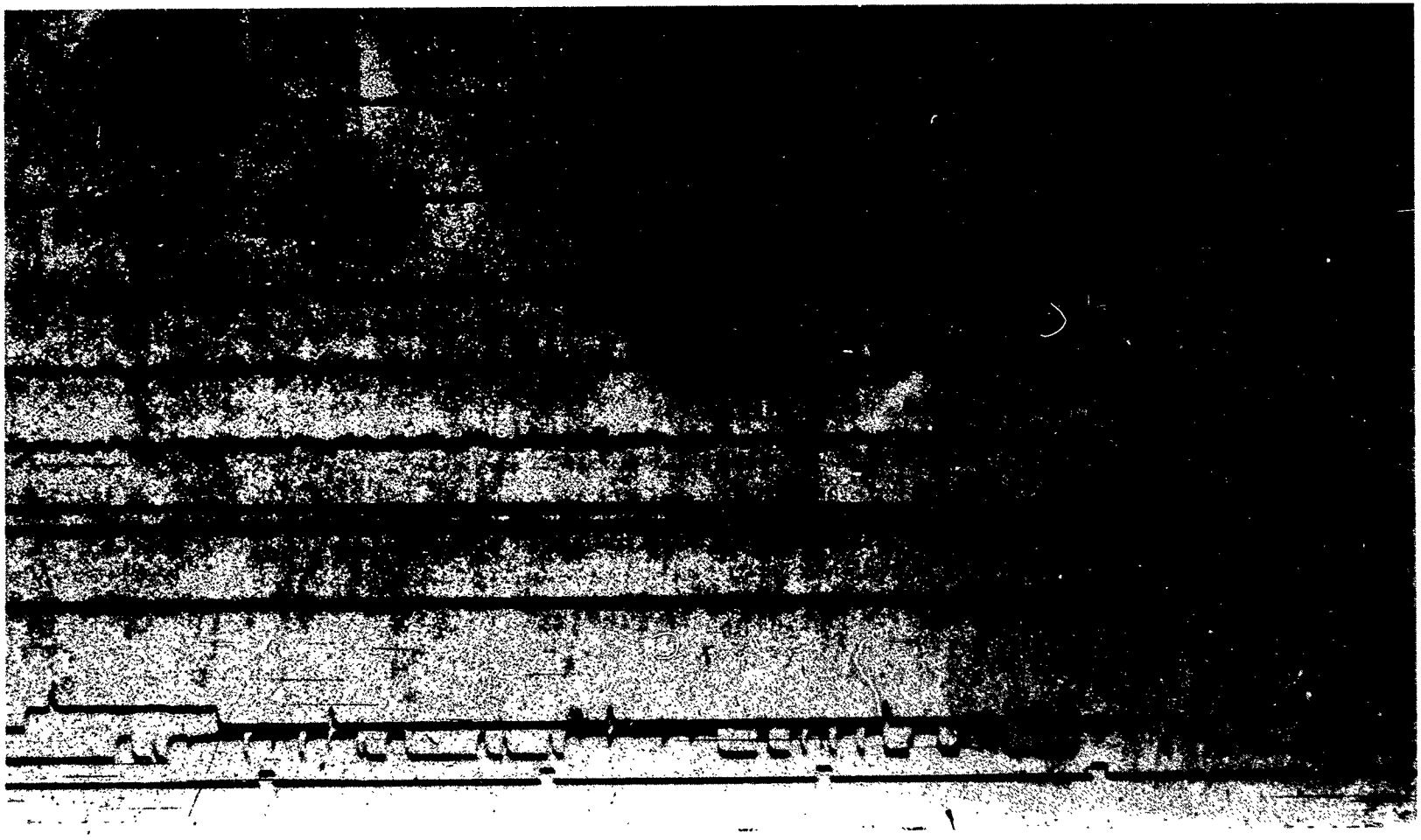
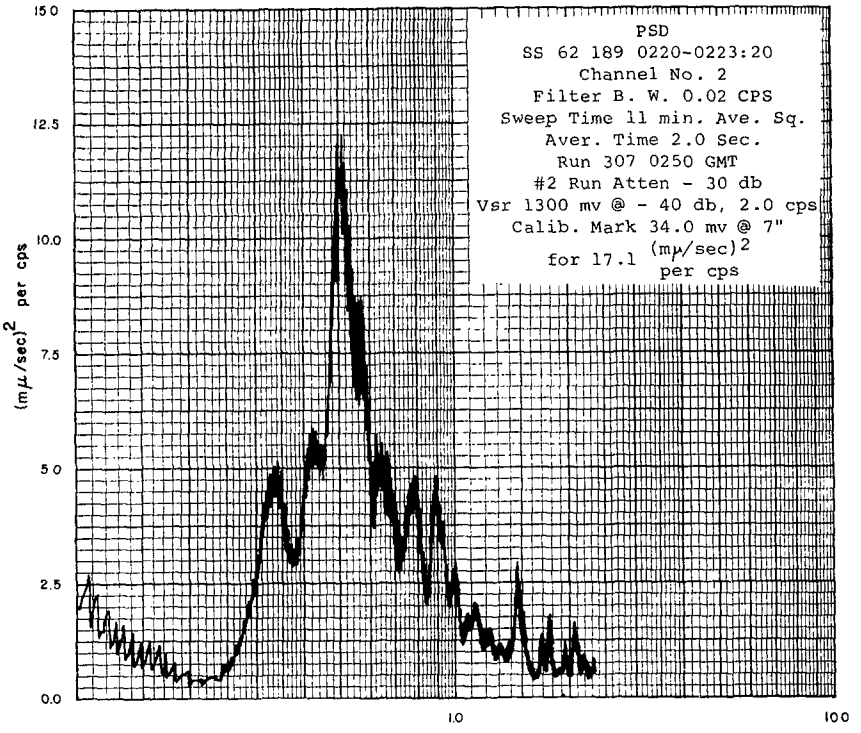
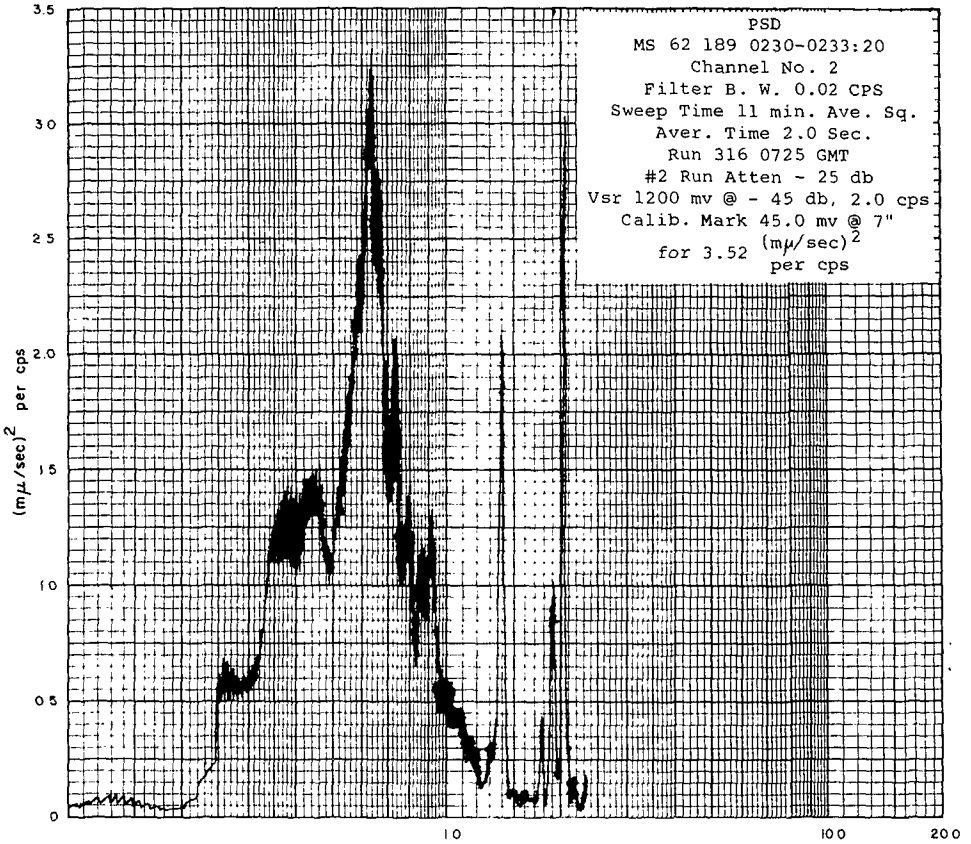


Figure 6.7.3.3a TYPICAL SEISMIC NOISE AT FARMVILLE
SS 62-189-02:20:00Z SP Atten: - 30db



Farmville

Figure 6.7.3.3b



Warm Springs

Figure 6.7.3.3c

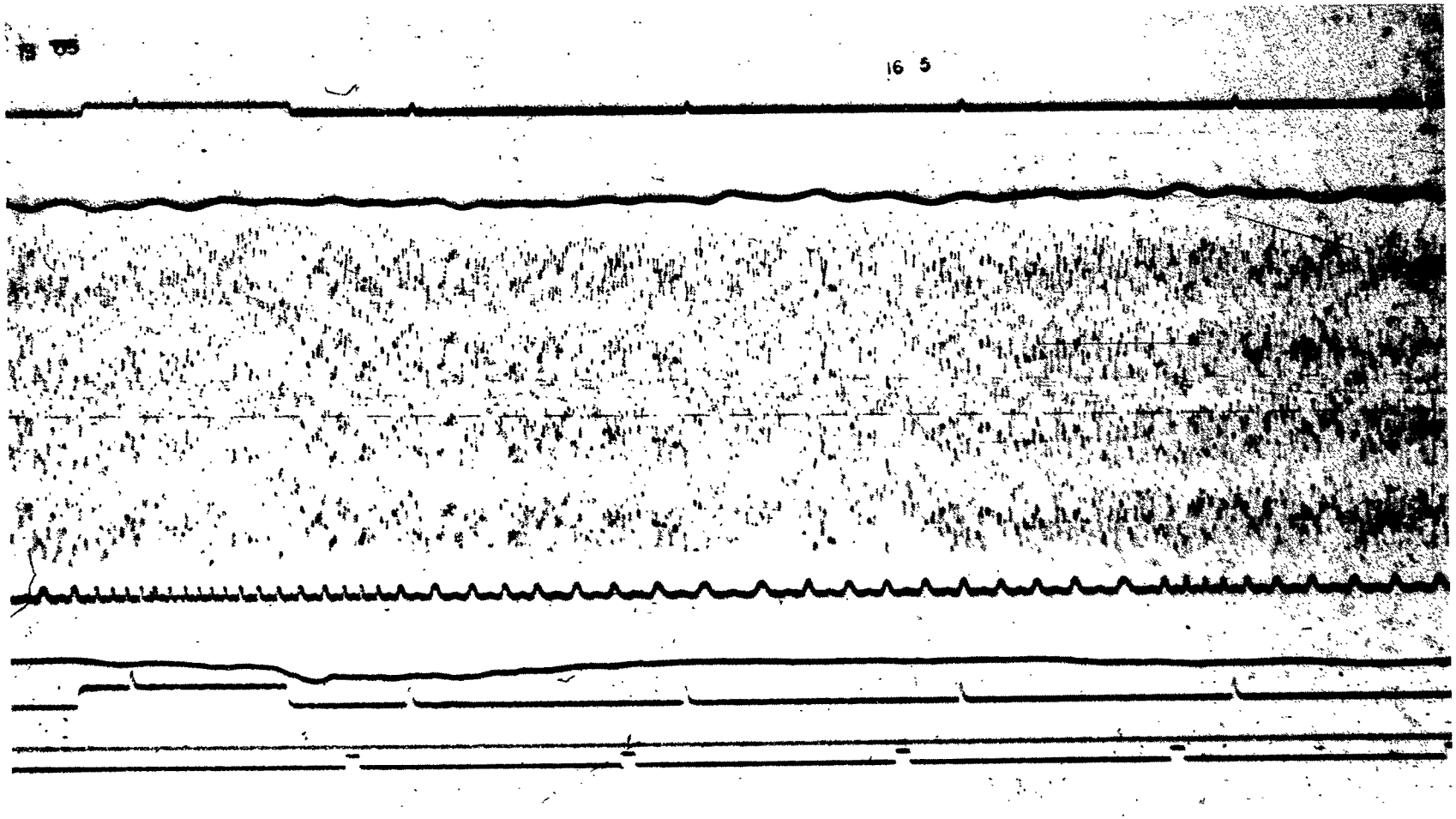
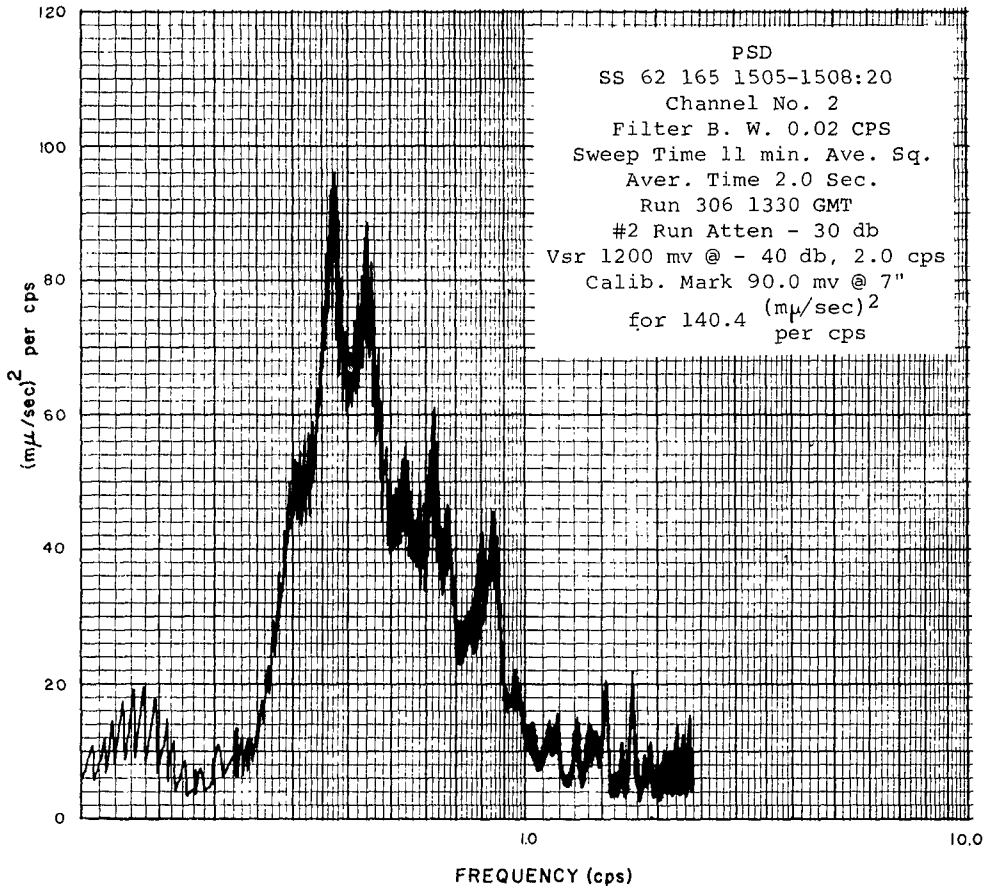
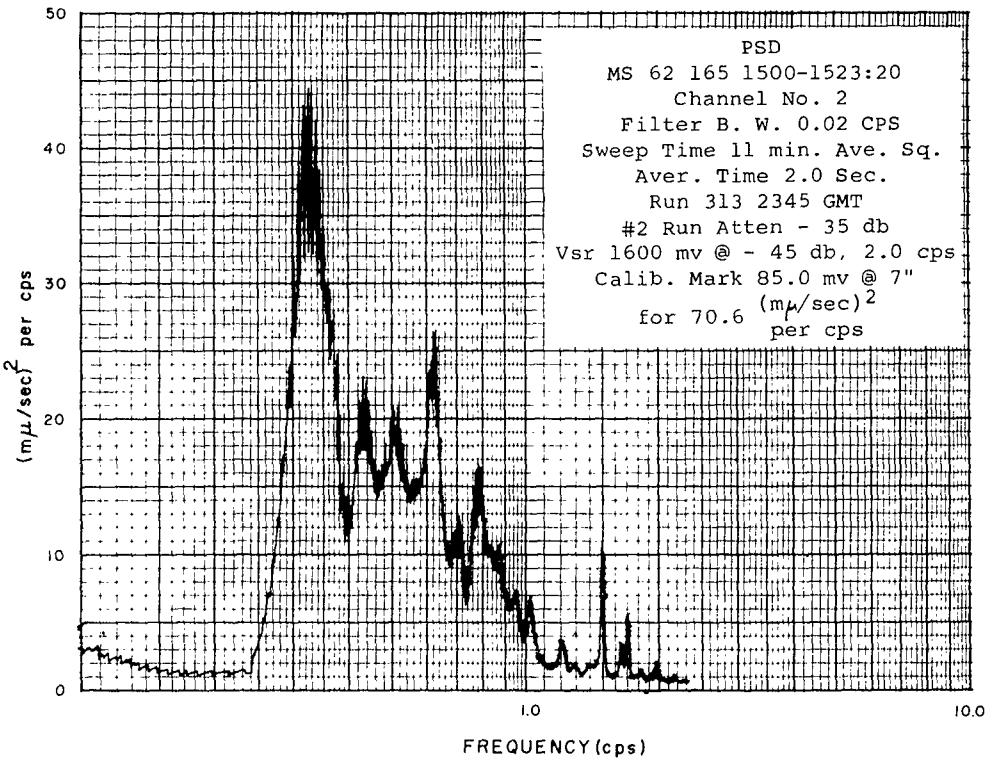


Figure 6.7.3.4a TYPICAL SEISMIC NOISE AT RAWLINGS
SS 62-165-15:05:00Z SP Atten: - 30db



Rawlings
Figure 6.7.3.4b



Warm Springs
Figure 6.7.3.4c

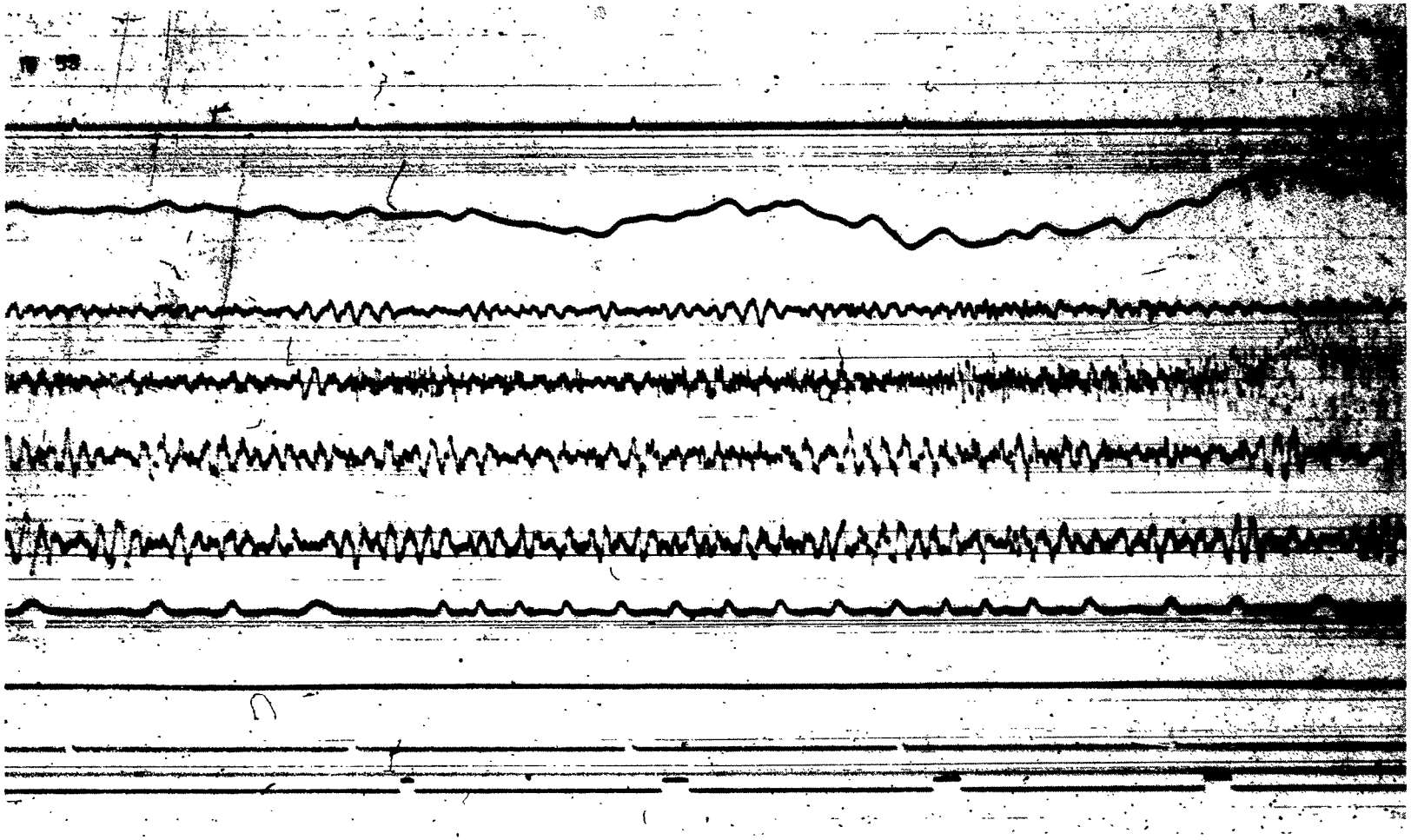
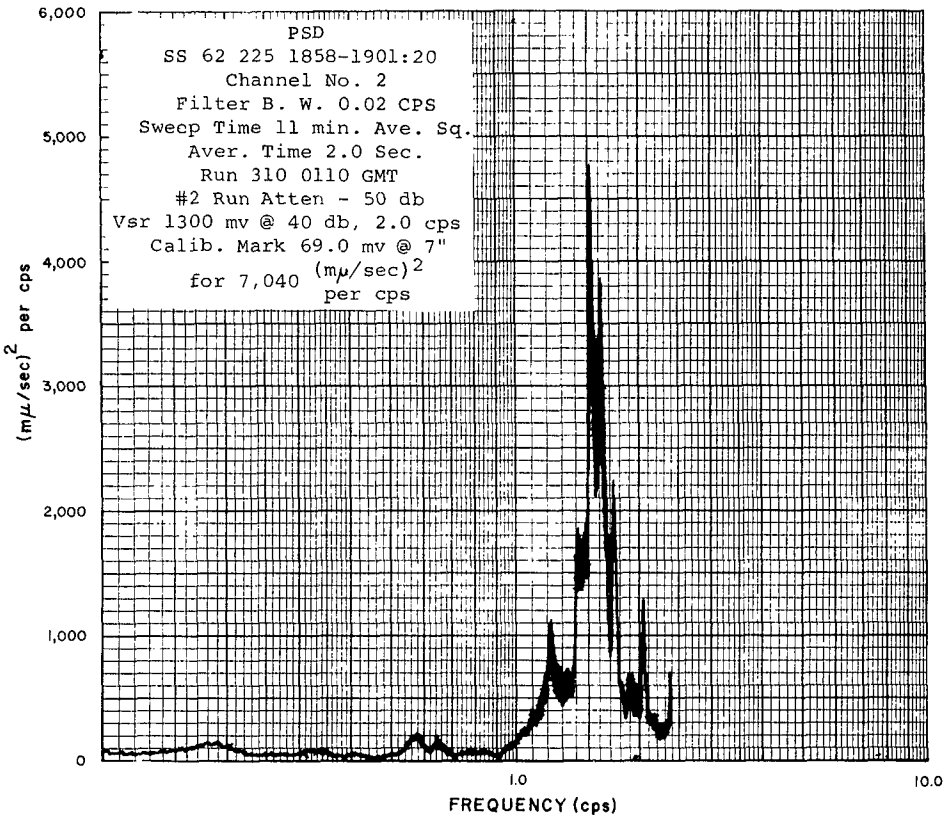
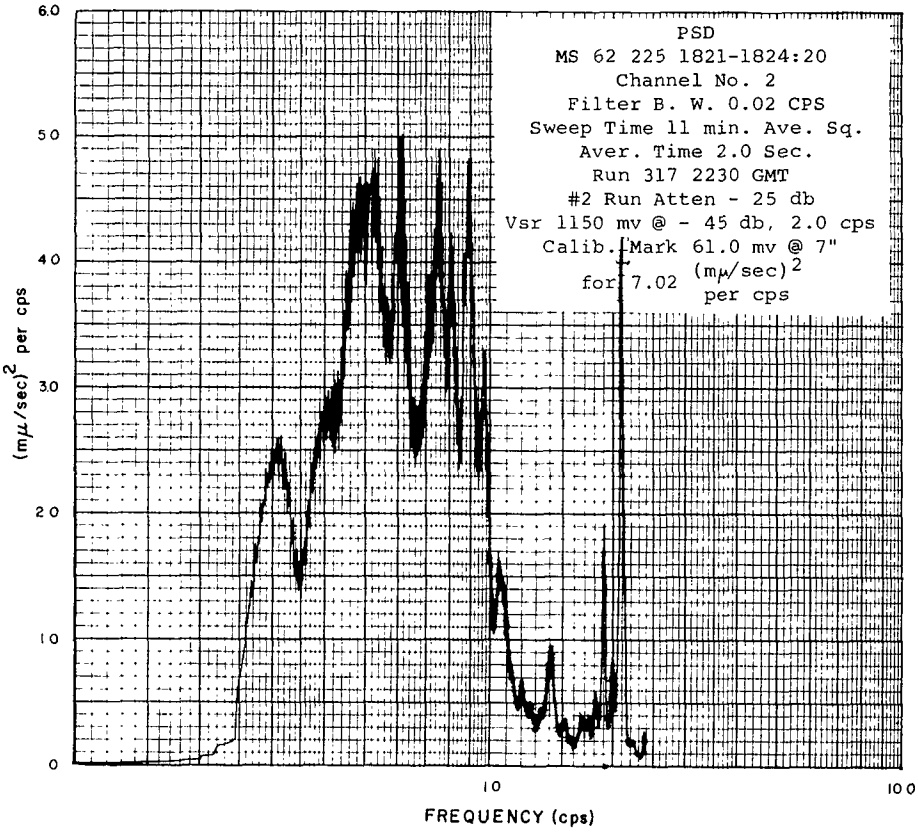


Figure 6.7.3.5a TYPICAL SEISMIC NOISE AT FRANKLIN
SS 62-255-18:58:00Z SP Atten: - 50db



Franklin
Figure 6.7.3.5b



Warm Springs
Figure 6.7.3.5c

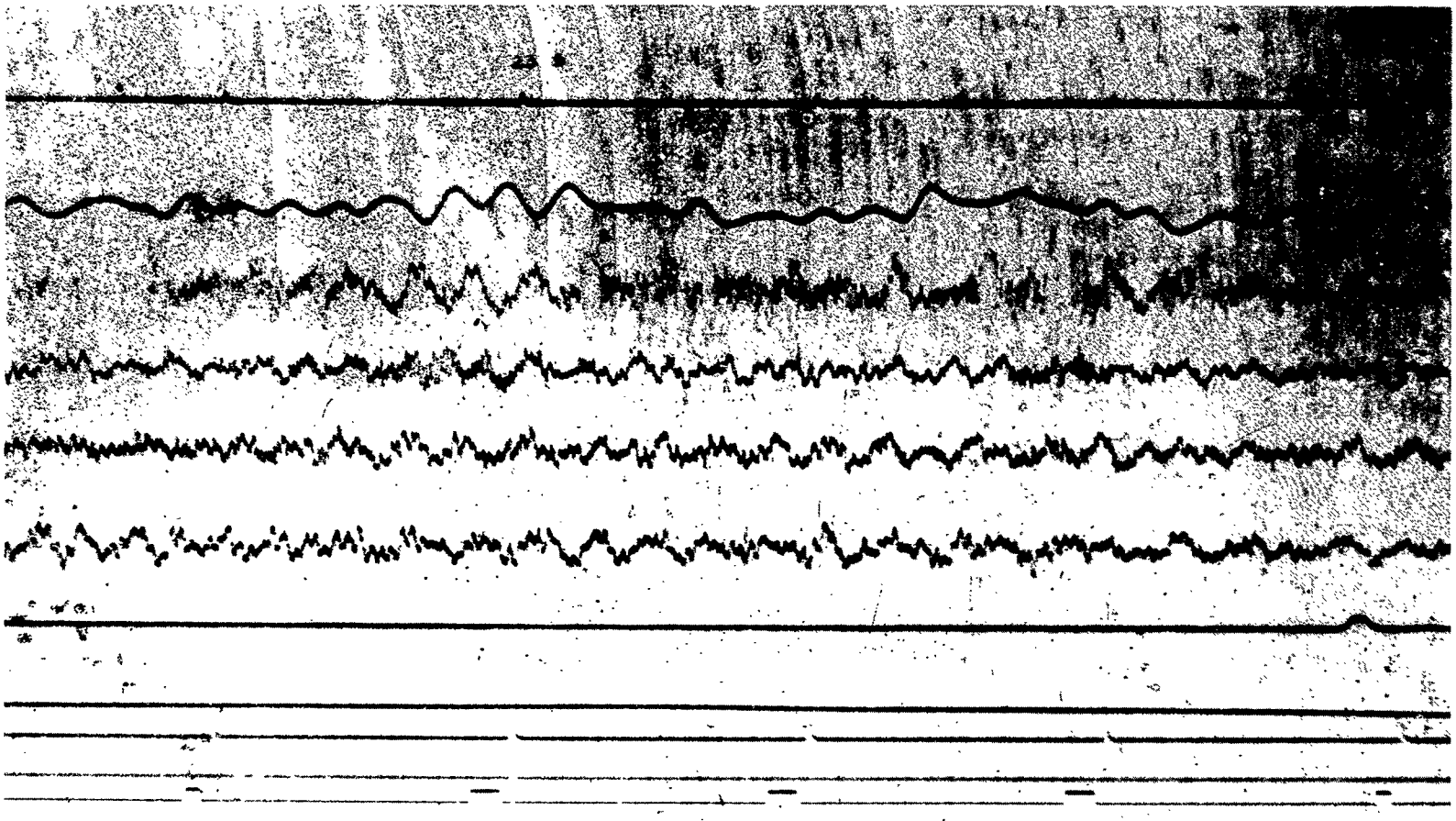
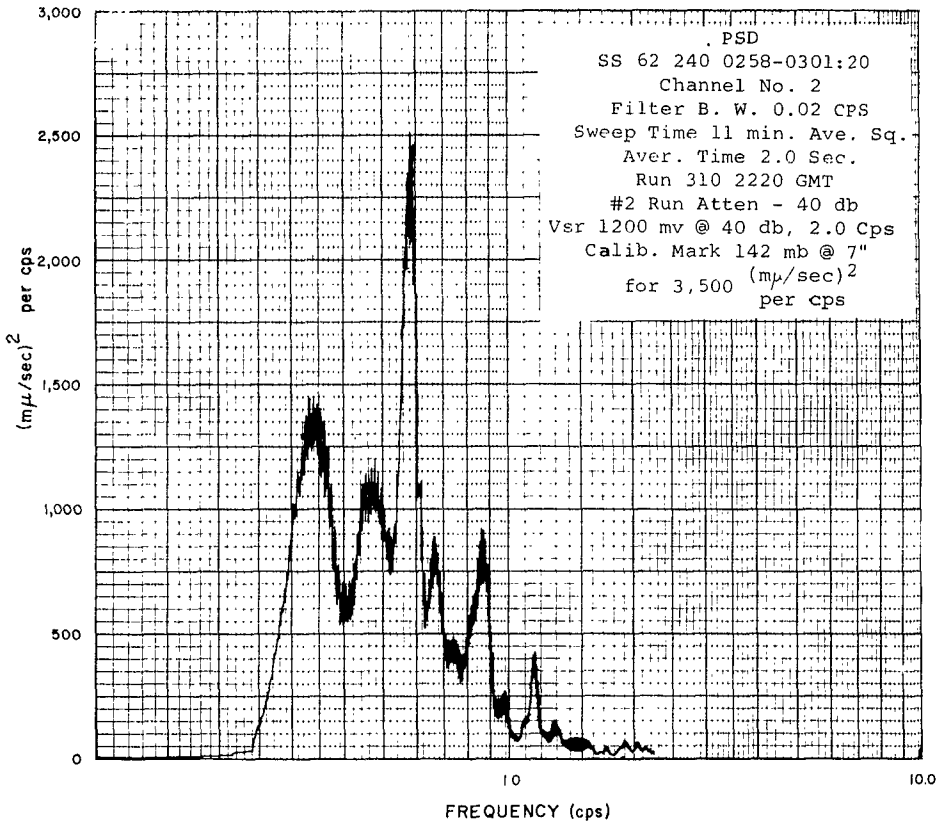
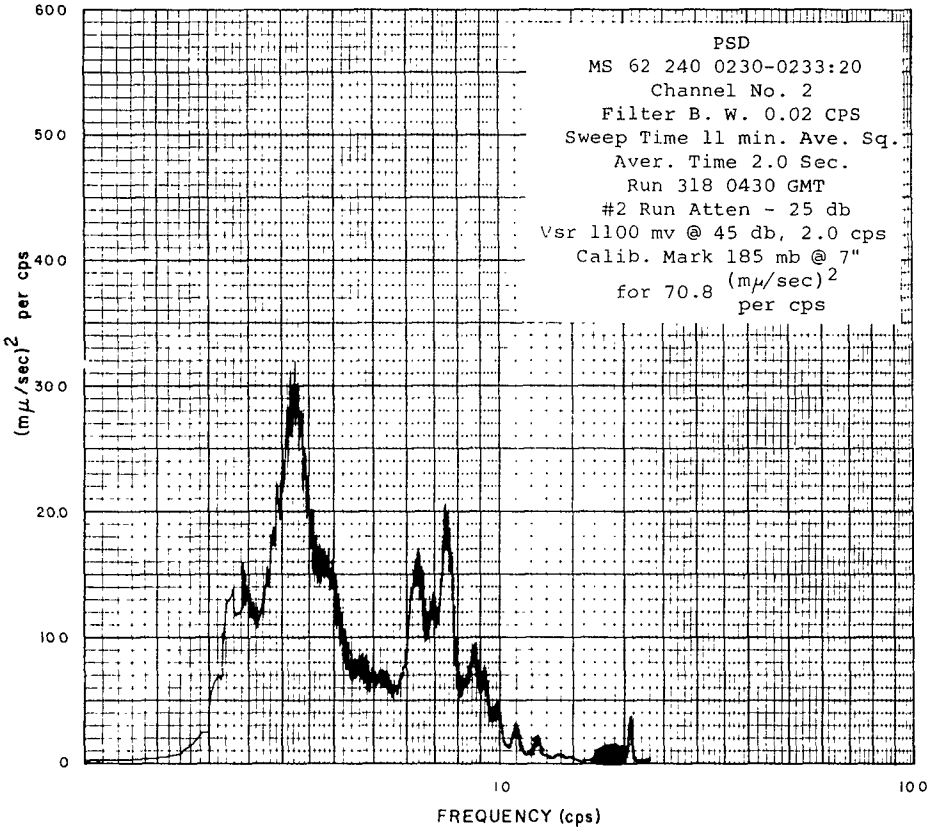


Figure 6.7.3.6a TYPICAL SEISMIC NOISE AT BELVIDERE
SS 62-240-02:58:00Z SP Atten: - 40db



Belvidere
Figure 6.7.3.6b



Warm Springs
Figure 6.7.3.6c

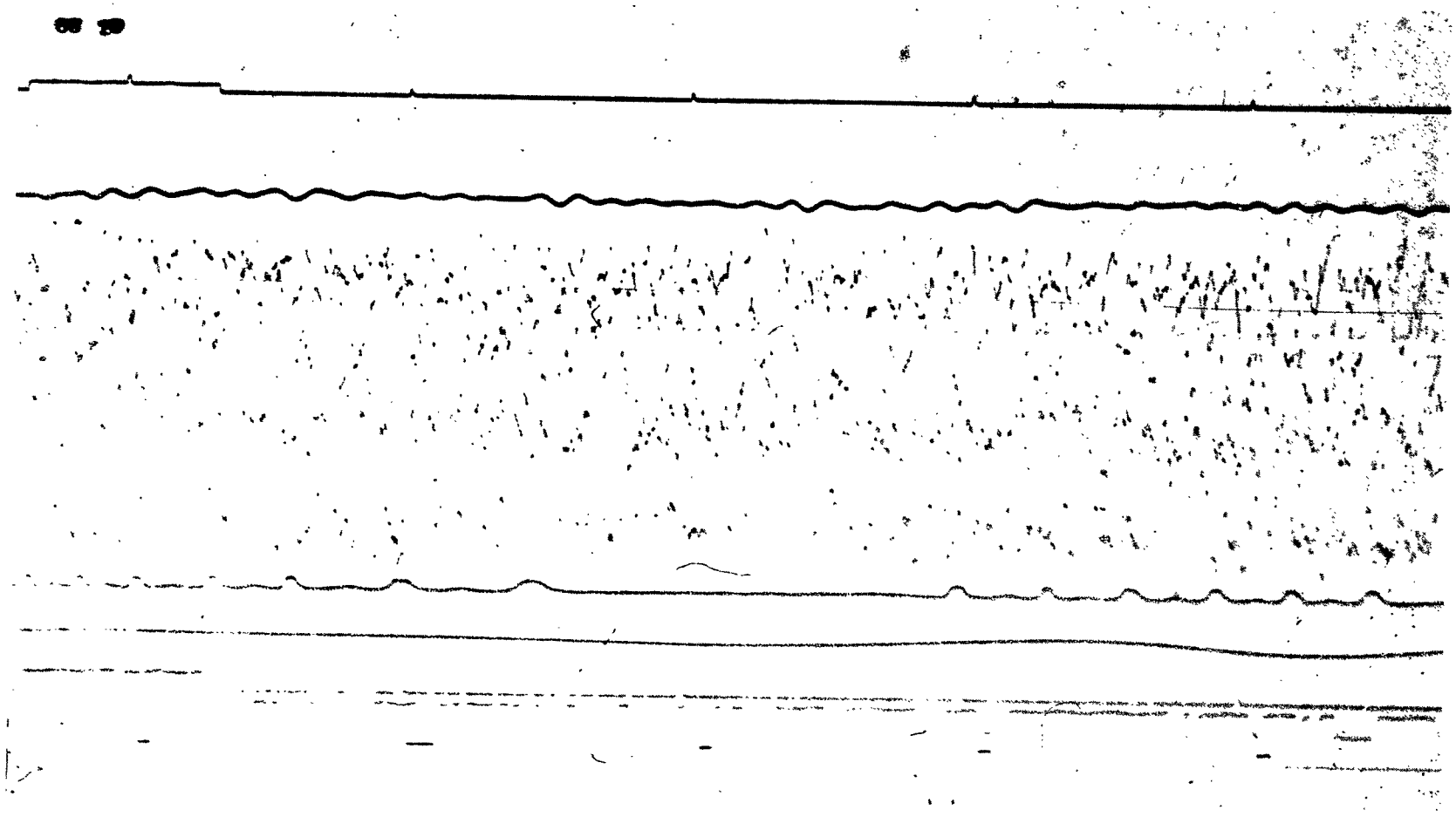
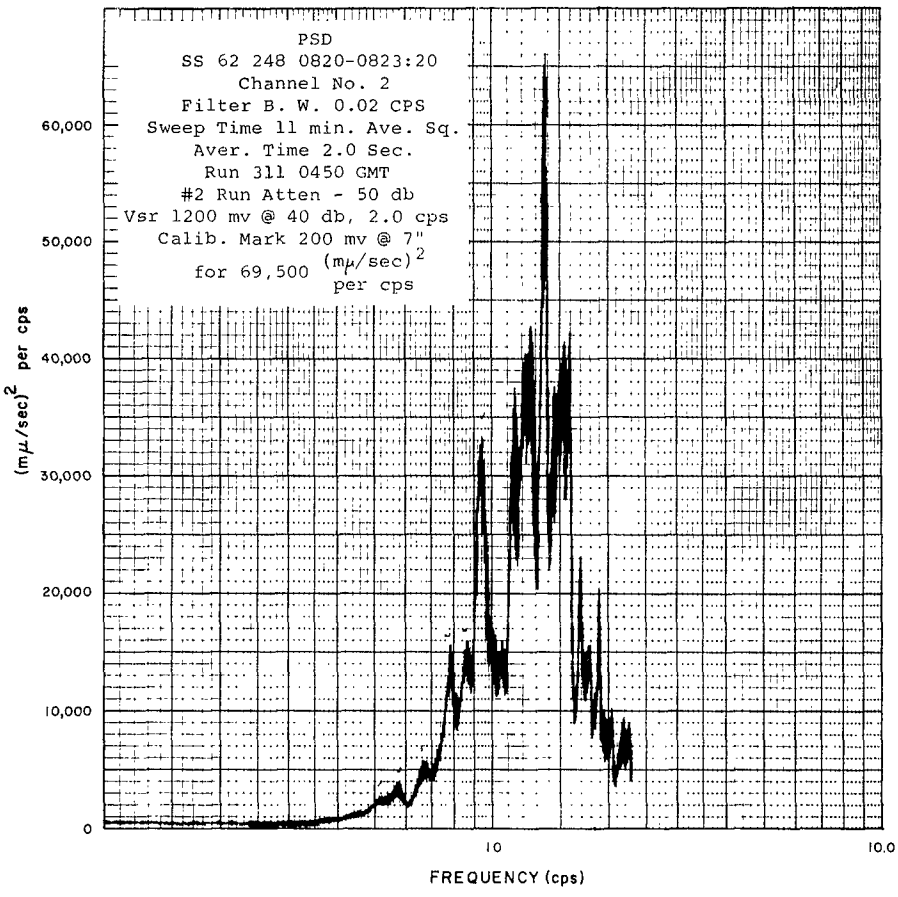
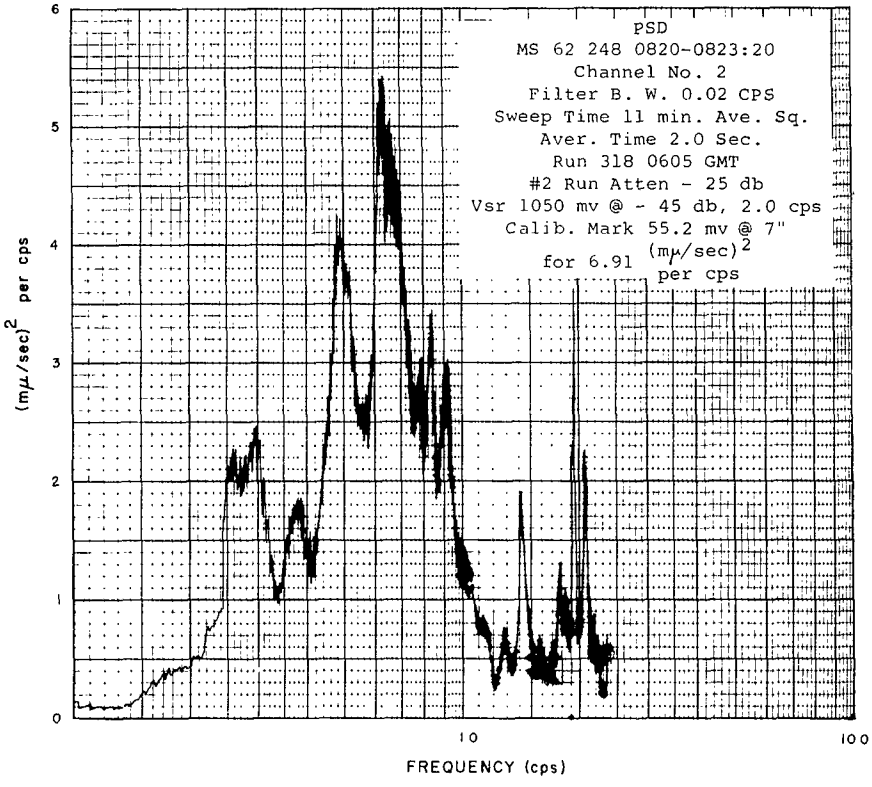


Figure 6.7.3.7a TYPICAL SEISMIC NOISE AT WEEKSVILLE
SS 62-248-08:20:00Z SS Atten: - 50db



Weeksville
Figure 6.7.3.7b



Warm Springs
Figure 6.7.3.7c

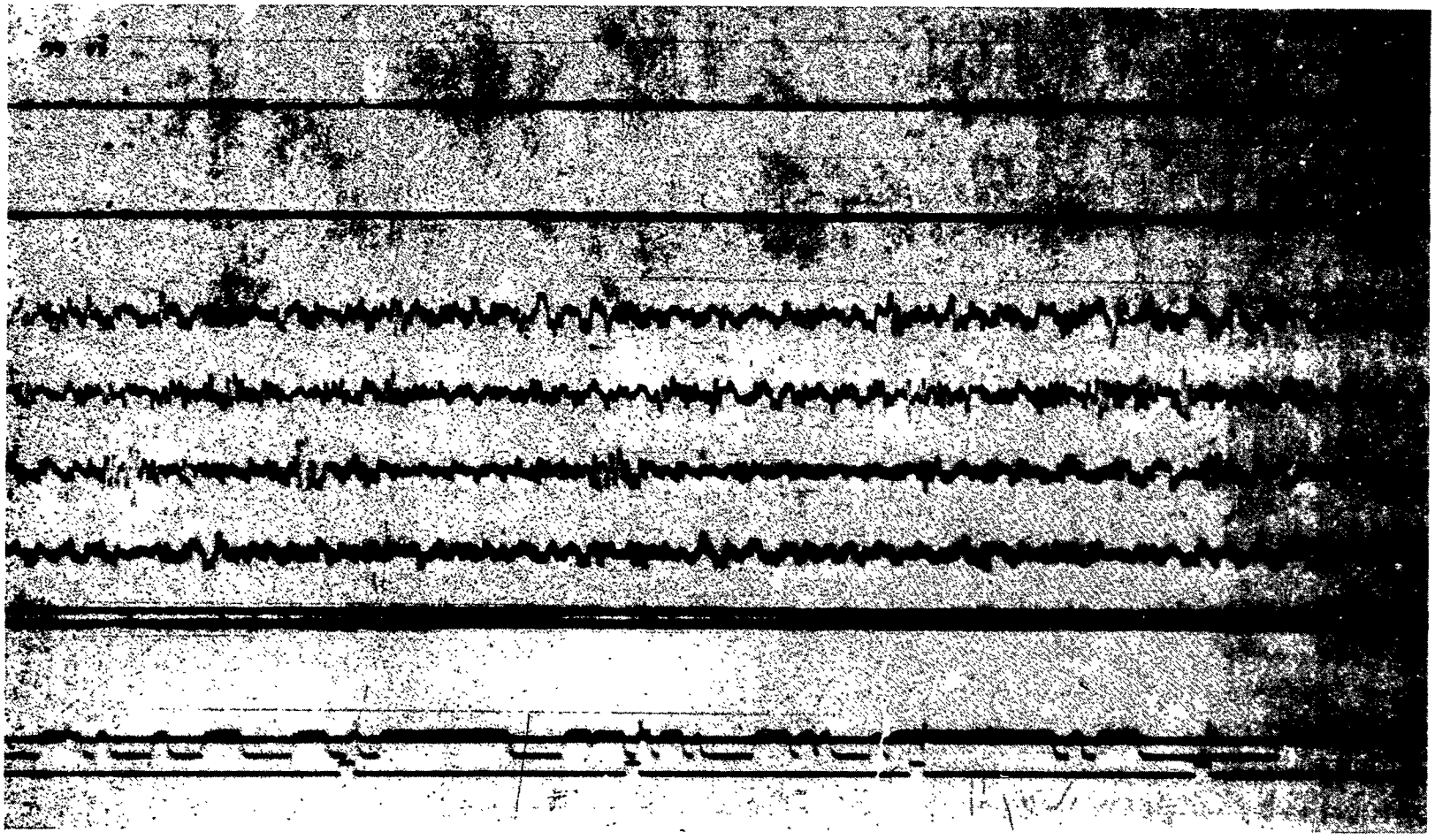
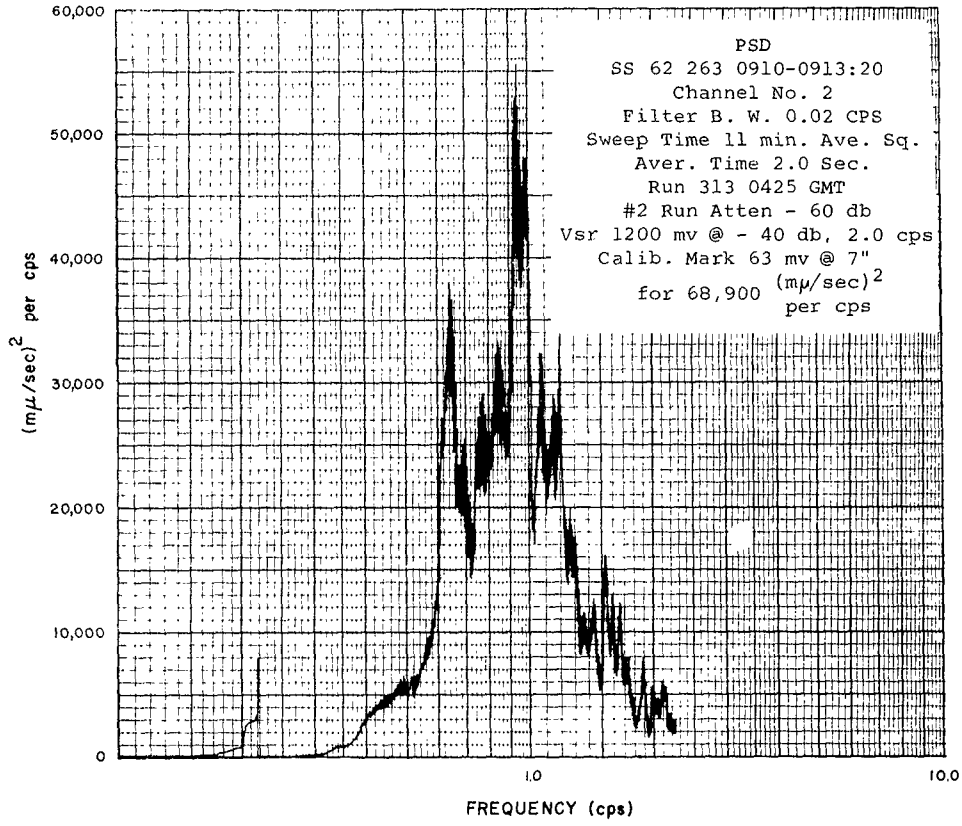
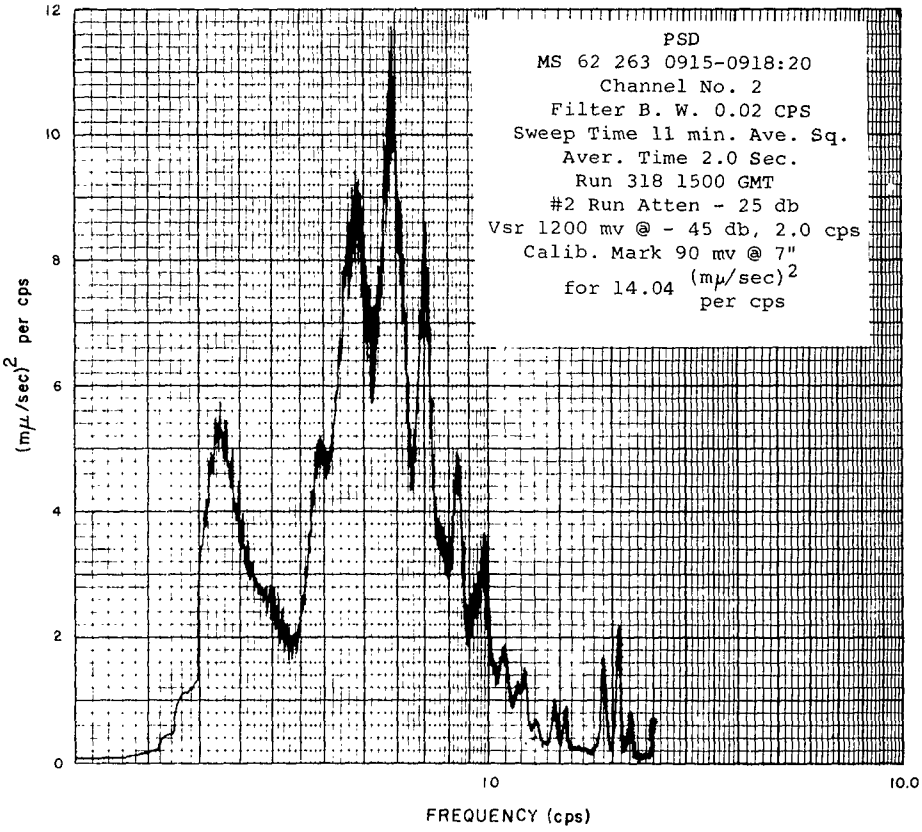


Figure 6.7.3.8a TYPICAL SEISMIC NOISE AT BODIE ISLAND
SS 62-263-09:11:00Z SP Atten: - 60 db



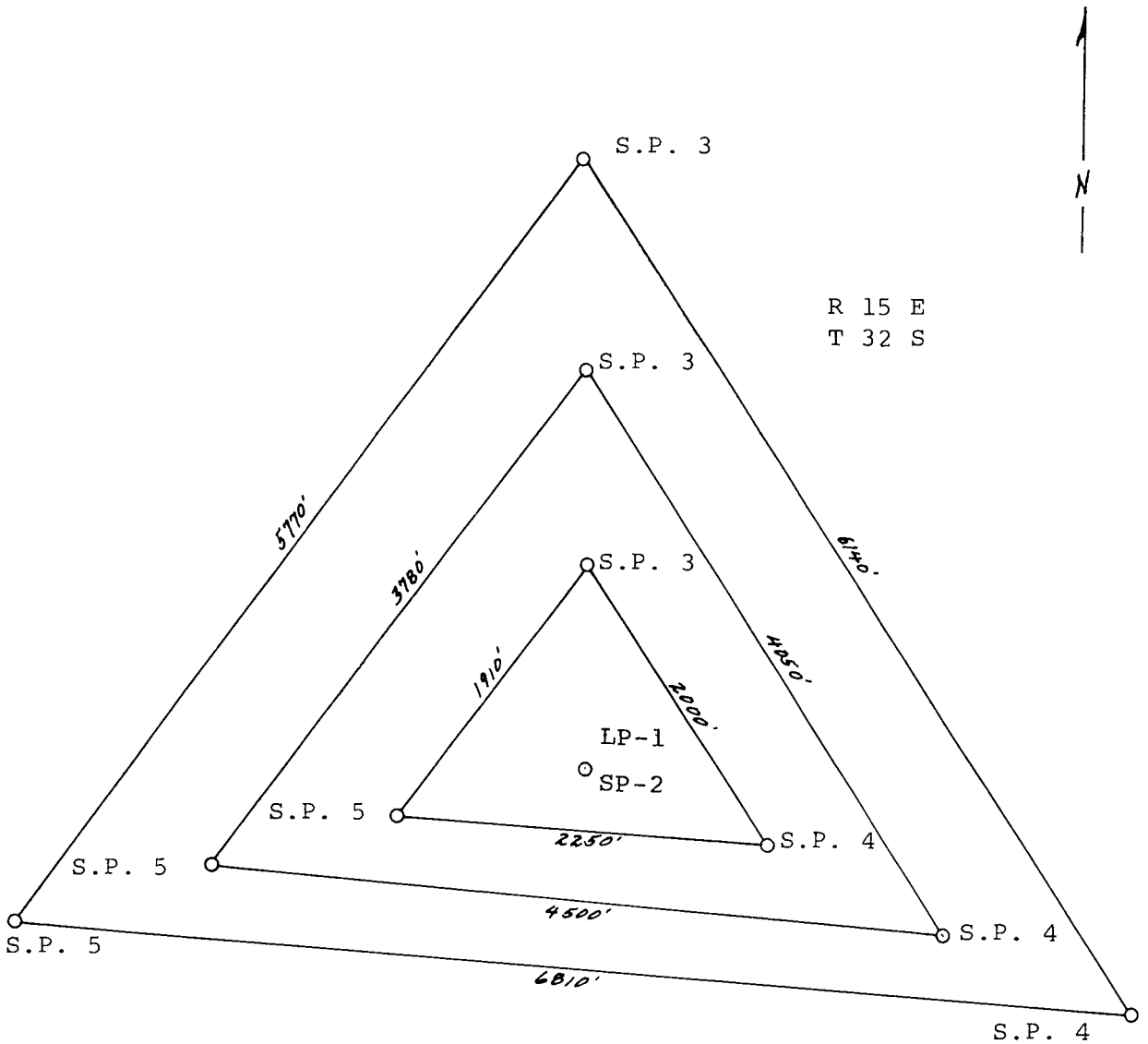
Bodie Island
Figure 6.7.3.8b



Warm Springs
Figure 6.7.3.8c

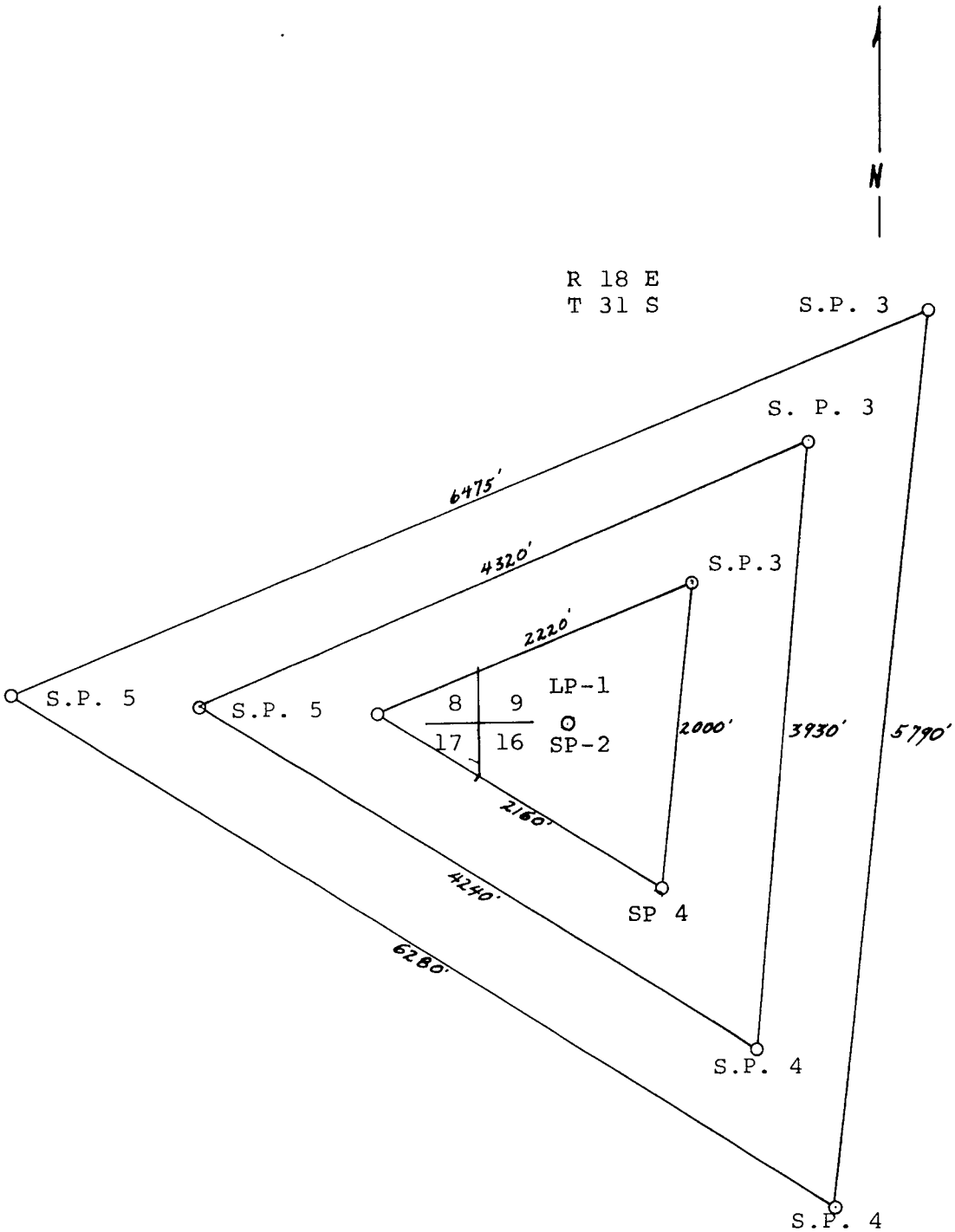
6.8 Array Dimensions

The following diagrams show orientation, location, and dimensions of each array for all stations included in the study. Diagrams for the California stations are numbered from 6.8.1.1 to 6.8.1.10, those for the Pacific Northwest stations from 6.8.2.1 to 6.8.2.8, and those for the Appalachian stations from 6.8.3.1 to 6.8.3.9. These data supplement the information in Section 3.2.1.



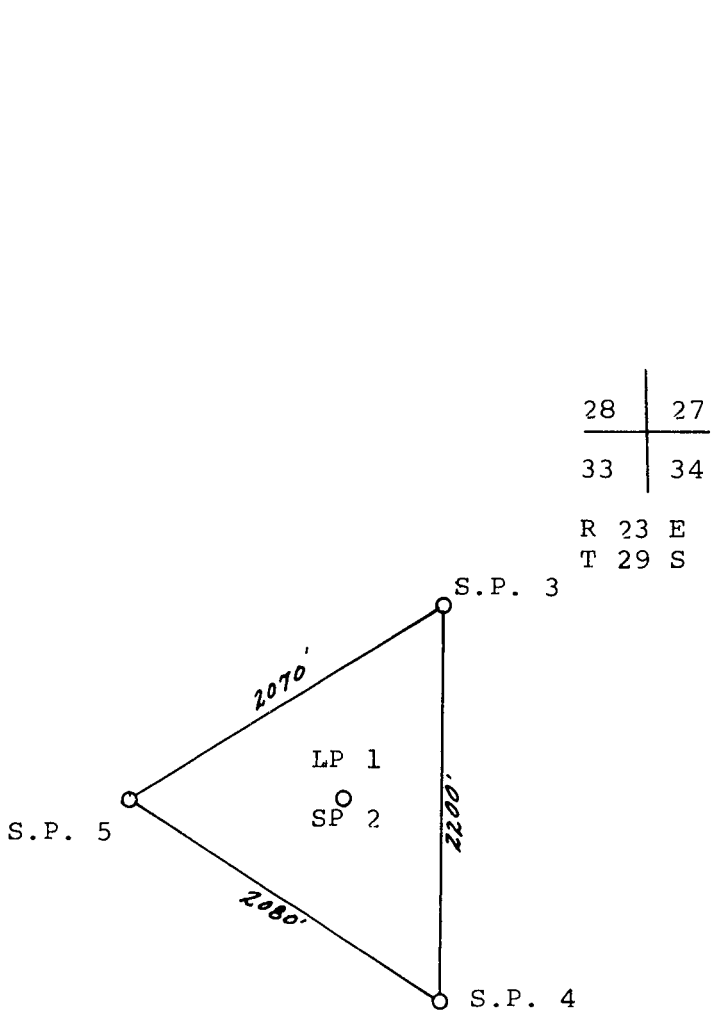
HUASNA RIVER SLAVE STATION
SCALE 1" = 1,000'

Figure 6.8.1.1



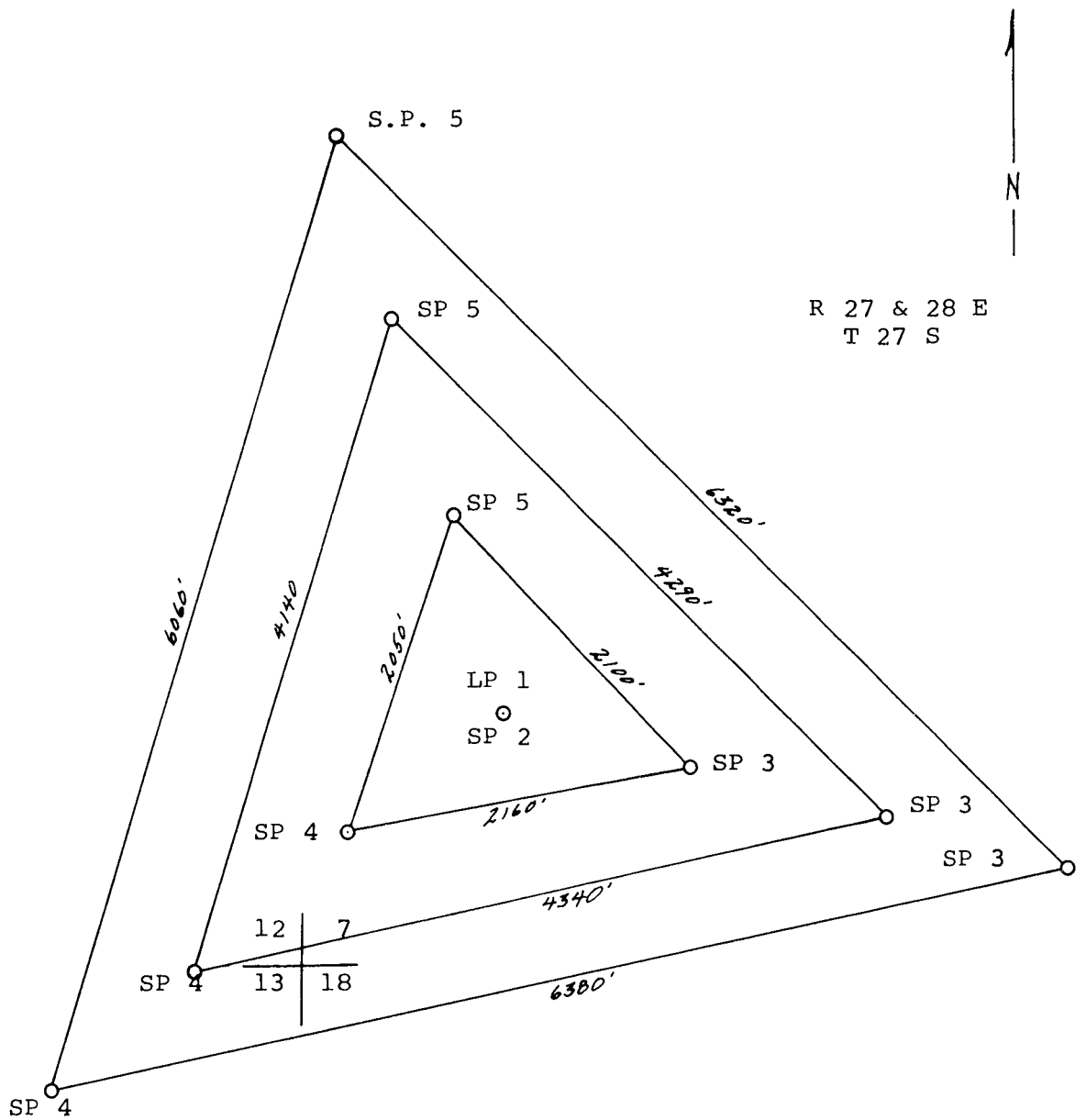
CARRIZO SLAVE STATION
SCALE 1" = 1,000'

Figure 6.8.1.2



ELK HILLS SLAVE STATION
SCALE 1" = 1,000'

Figure 6.8.1.3

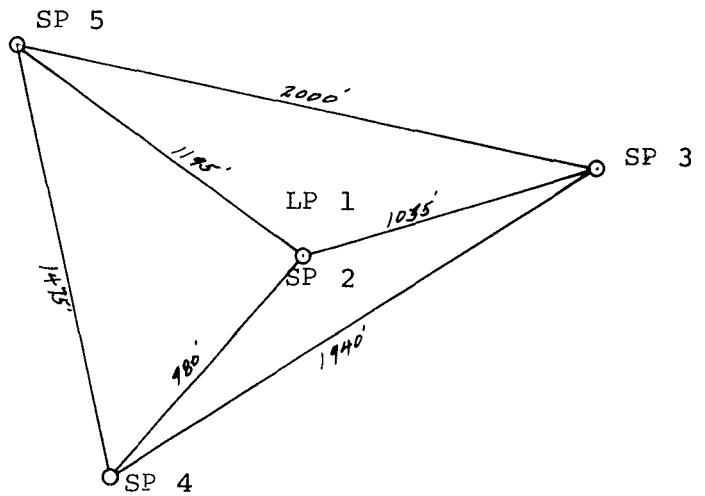


MANNOT CREEK SLAVE STATION
SCALE 1" = 1,000'

Figure 6.8.1.4

SECTION 17

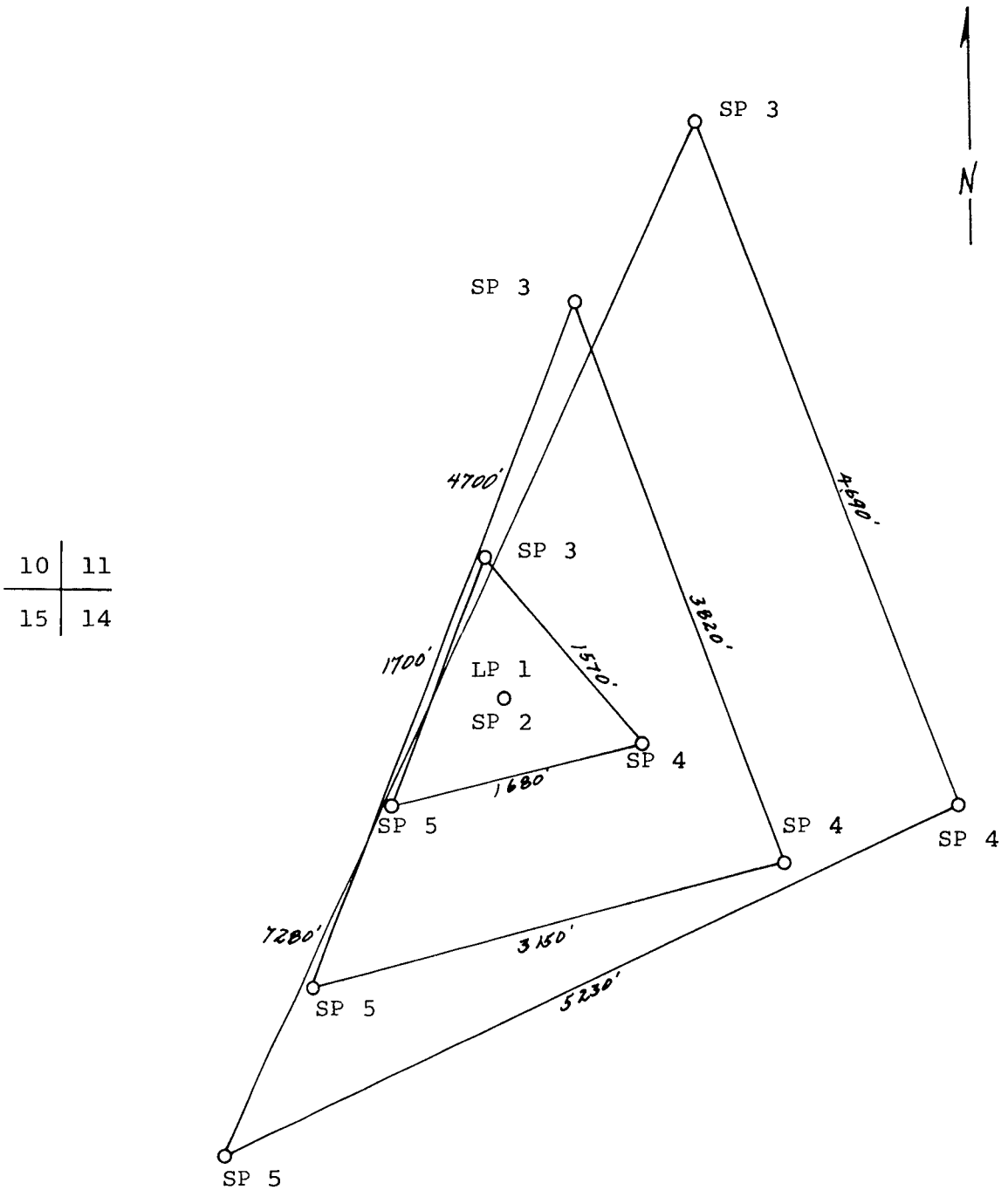
SECTION 20



R 30 E
T 26 S

ROUND MOUNTAIN MASTER STATION
SCALE 1" = 1,000'

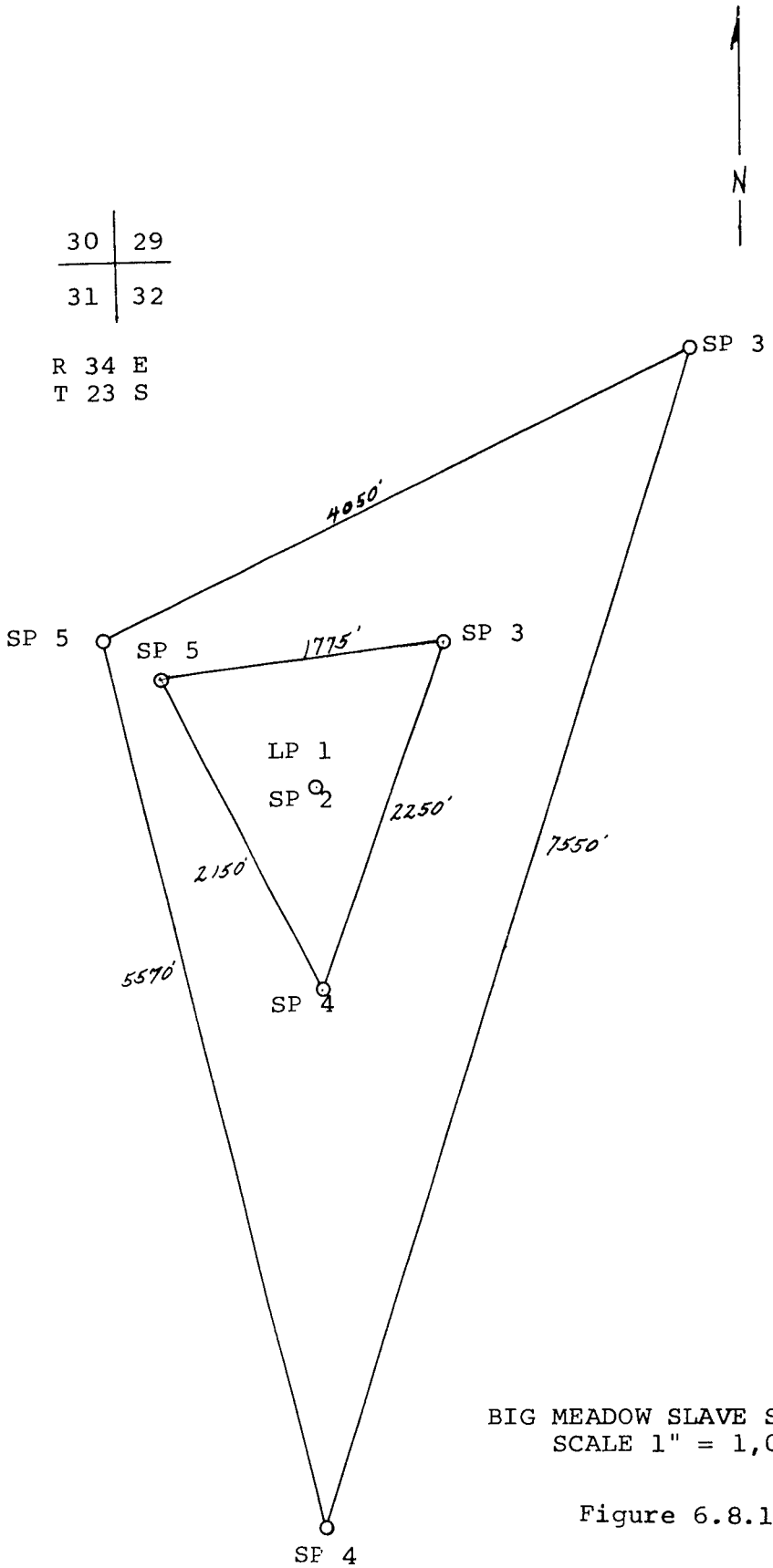
Figure 6.8.1.5



10	11
15	14

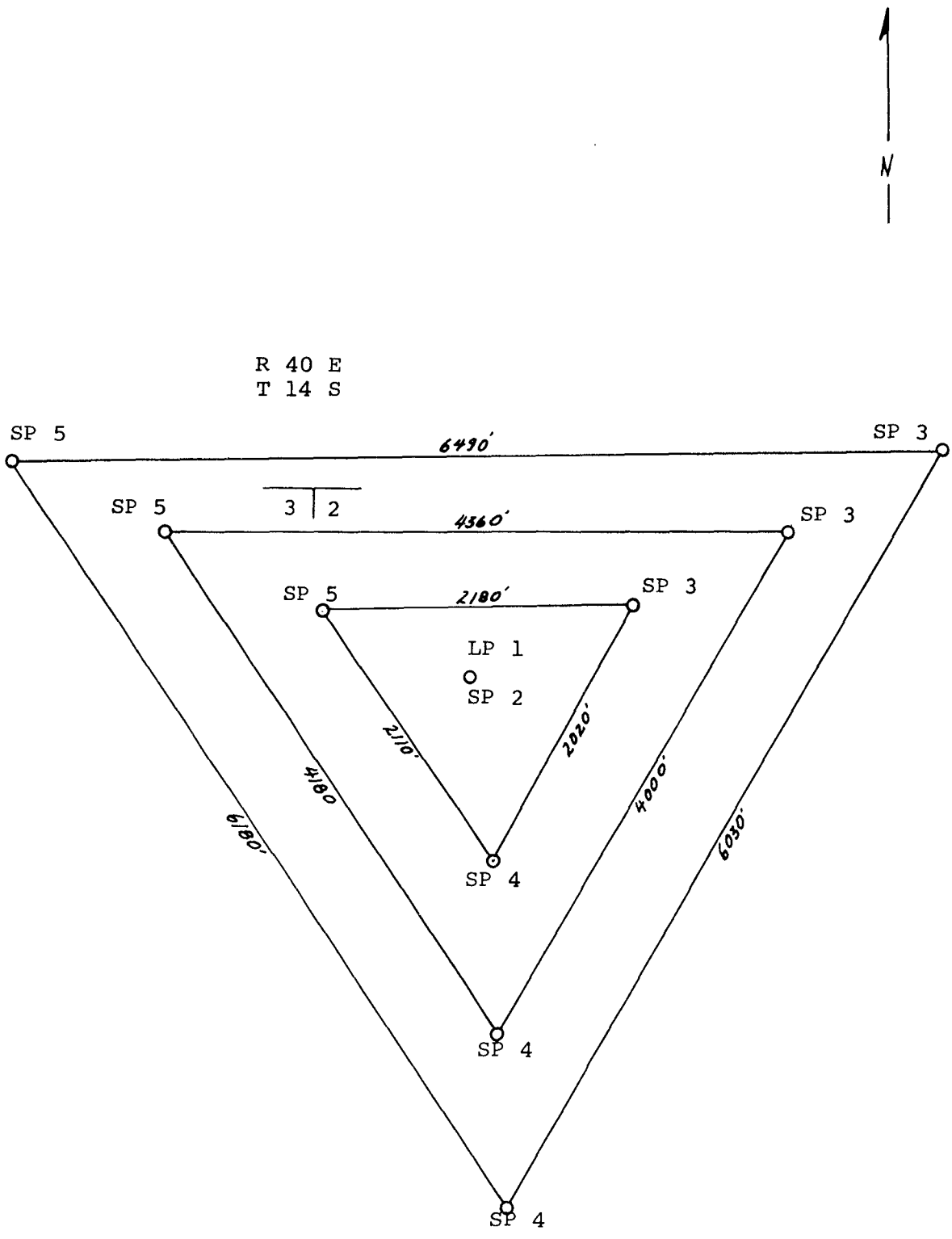
CEDAR CREEK SLAVE STATION
SCALE 1" = 1,000'

Figure 6.8.1.6



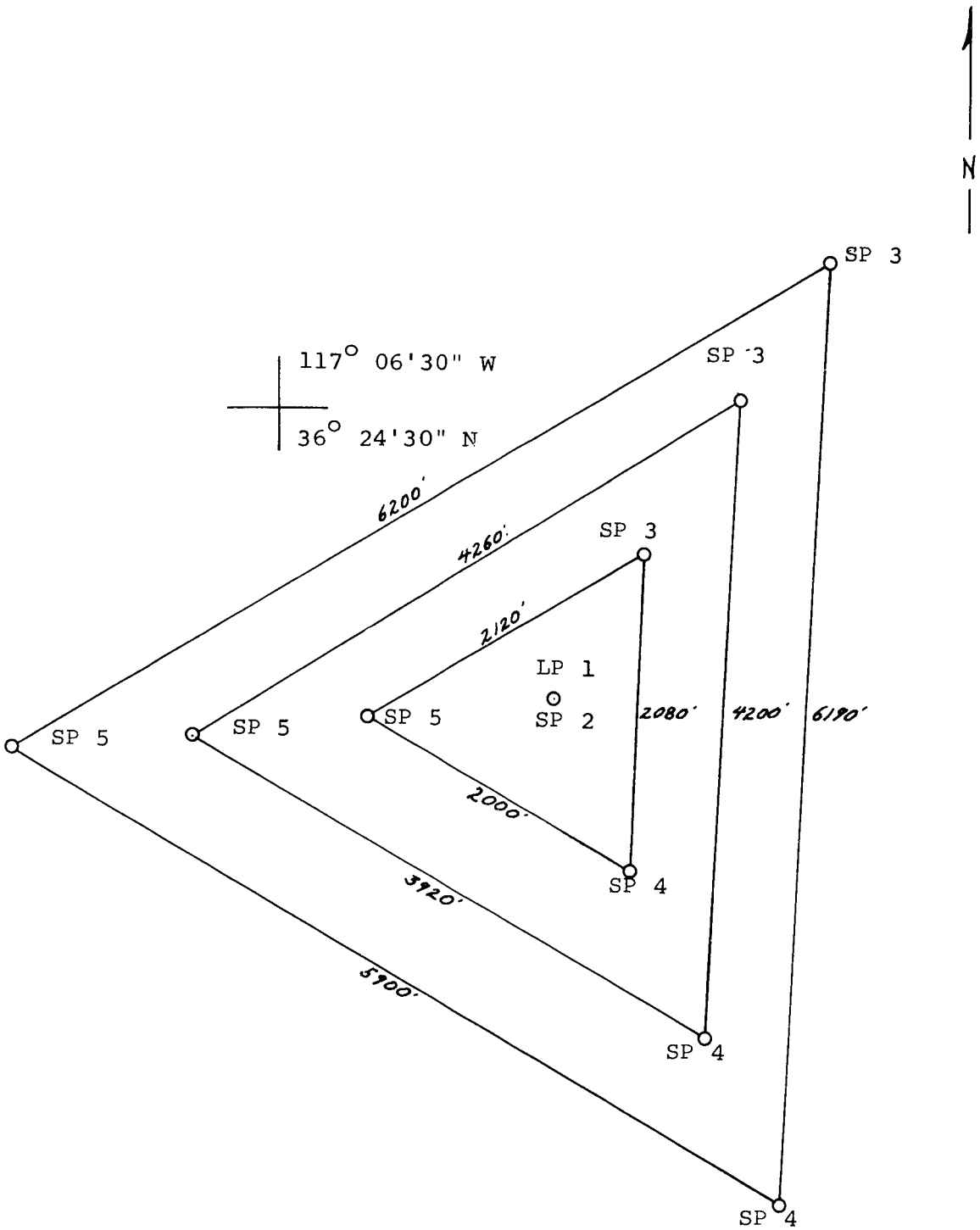
BIG MEADOW SLAVE STATION
SCALE 1" = 1,000'

Figure 6.8.1.7



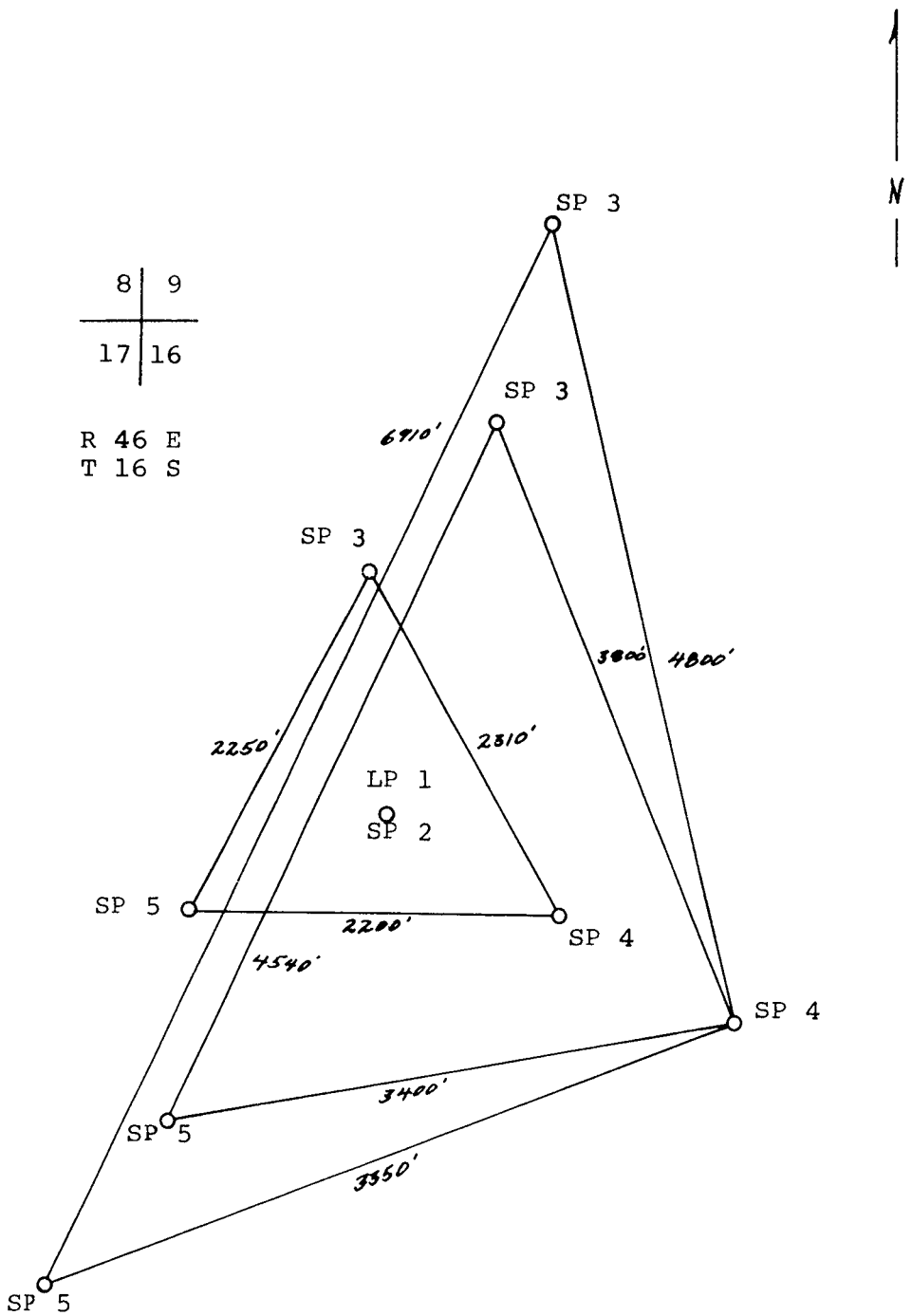
DARWIN SLAVE STATION
SCALE 1" = 1,000'

Figure 6.8.1.8



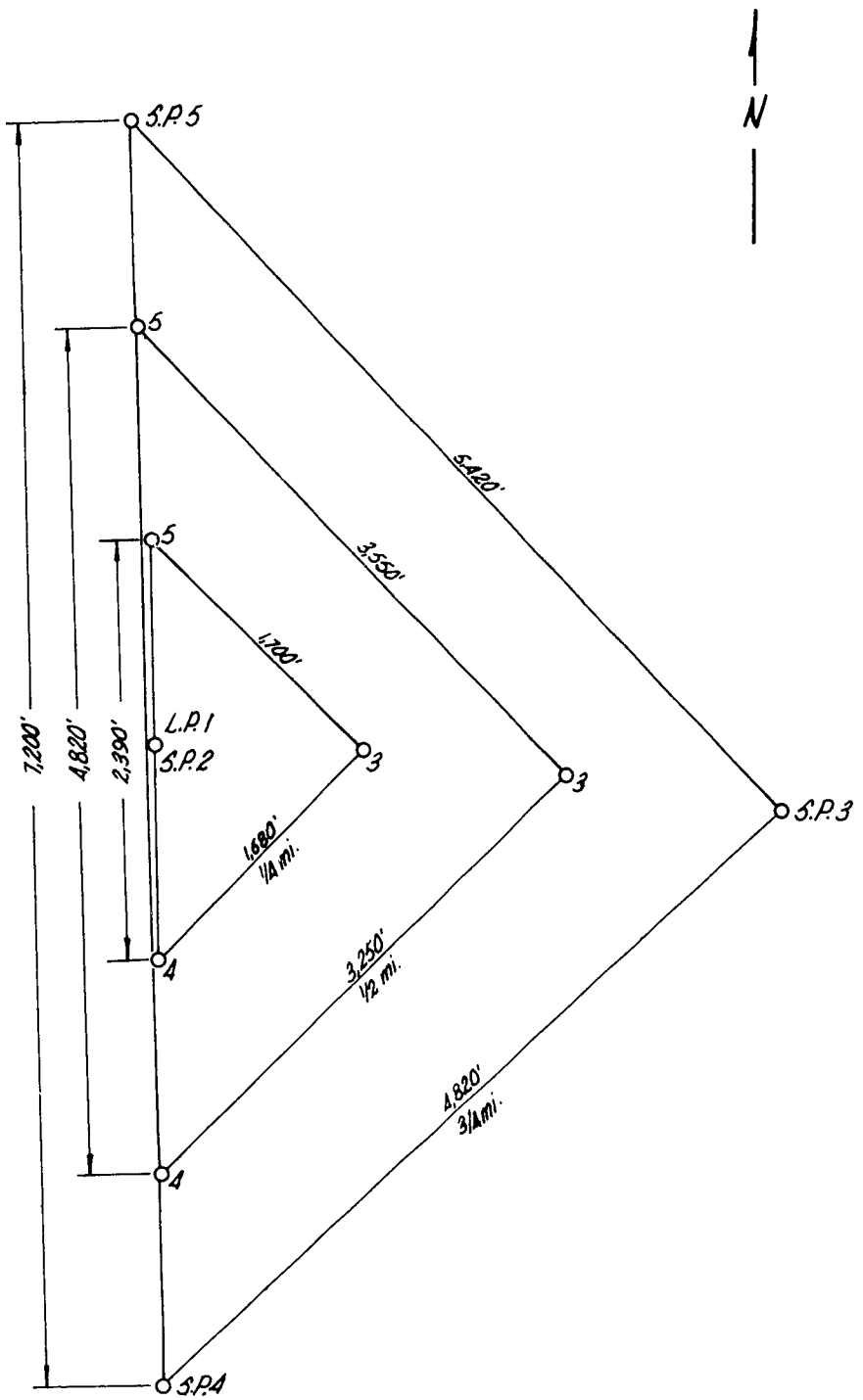
PANAMINT SLAVE STATION
SCALE 1" = 1,000'

Figure 6.8.1.9



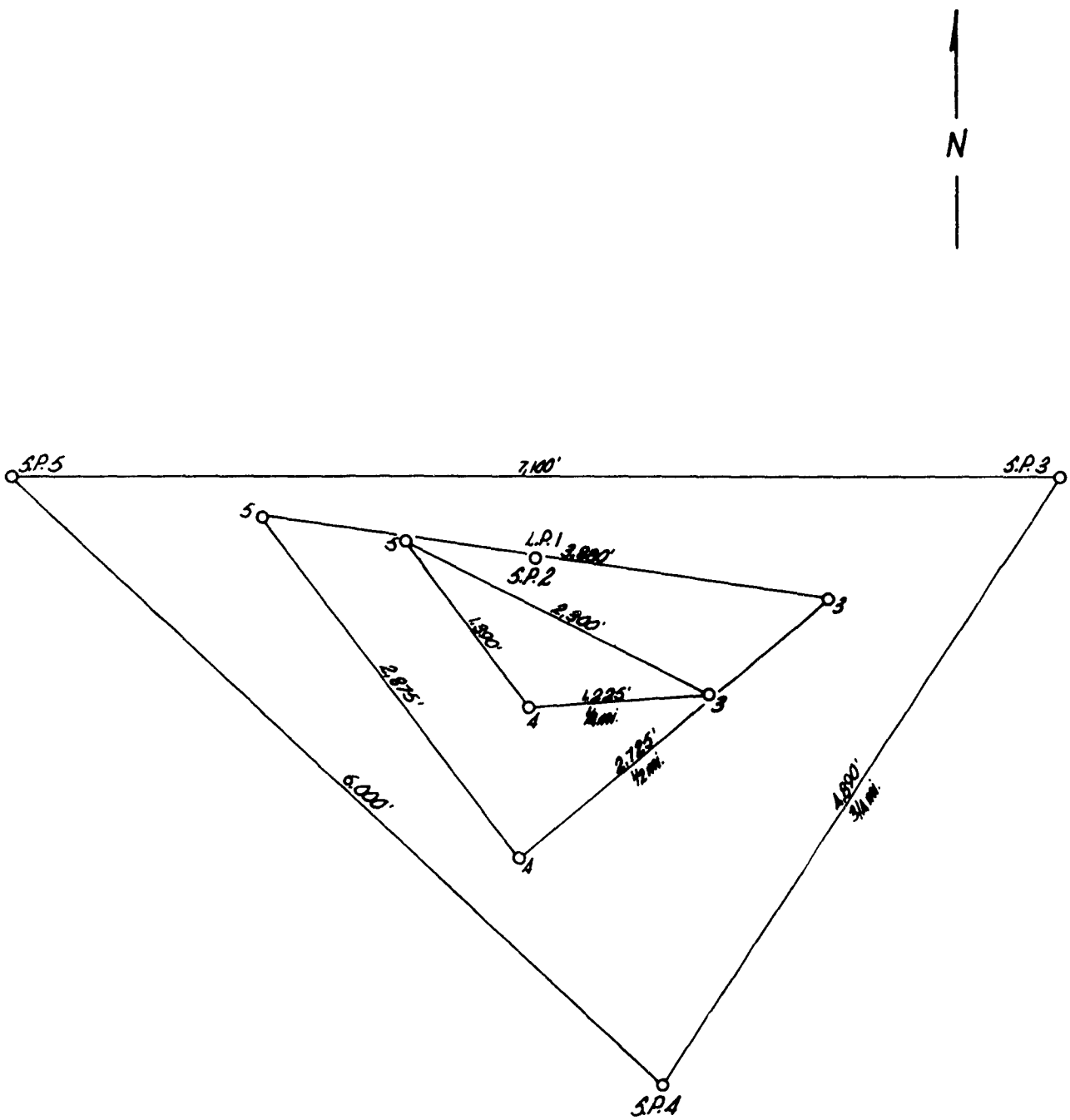
DEATH VALLEY SLAVE STATION
SCALE 1" = 1,000'

Figure 6.8.1.10



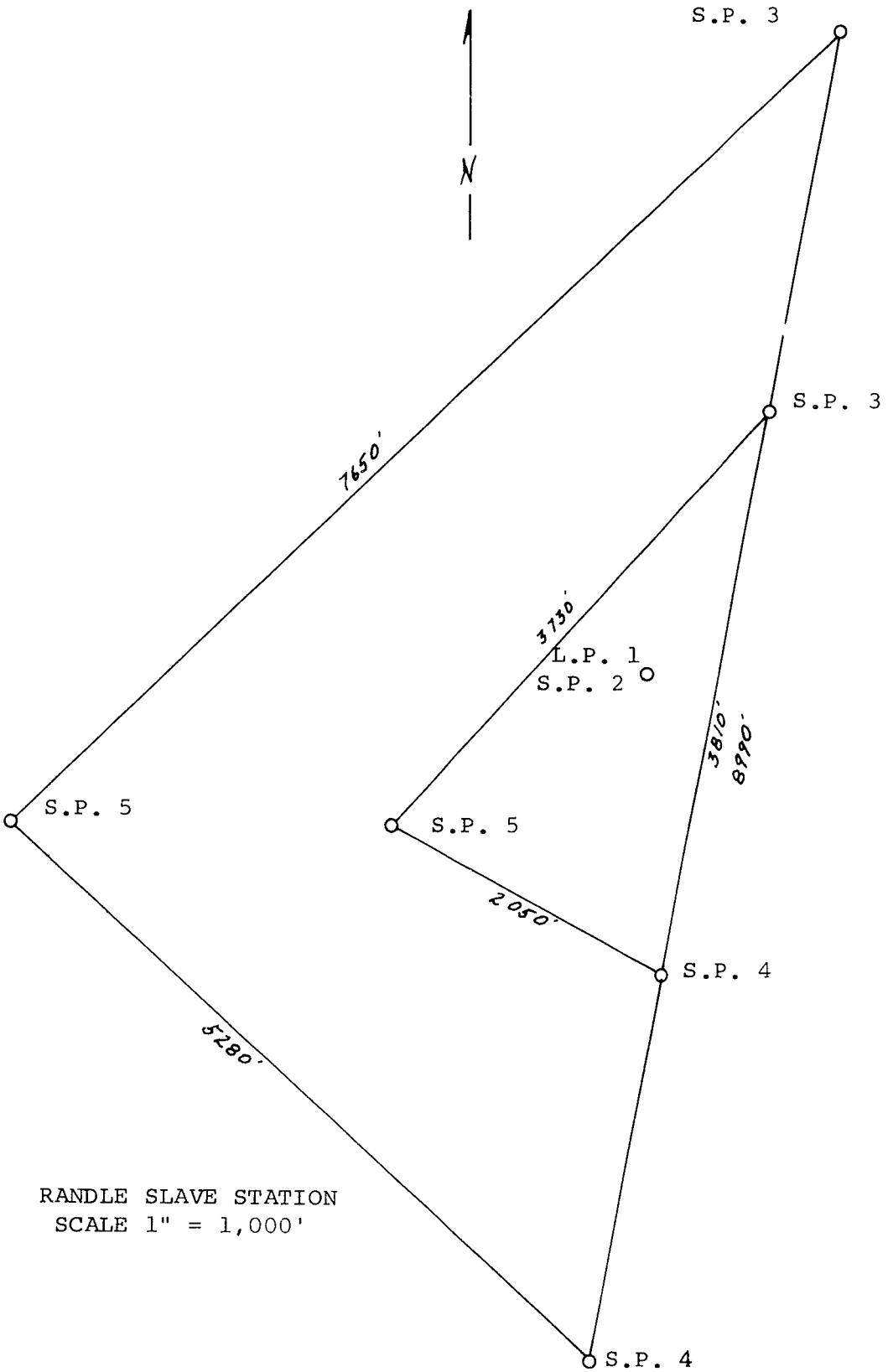
MARKHAM SLAVE STATION
SCALE 1" = 1,000'

Figure 6.8.2.1



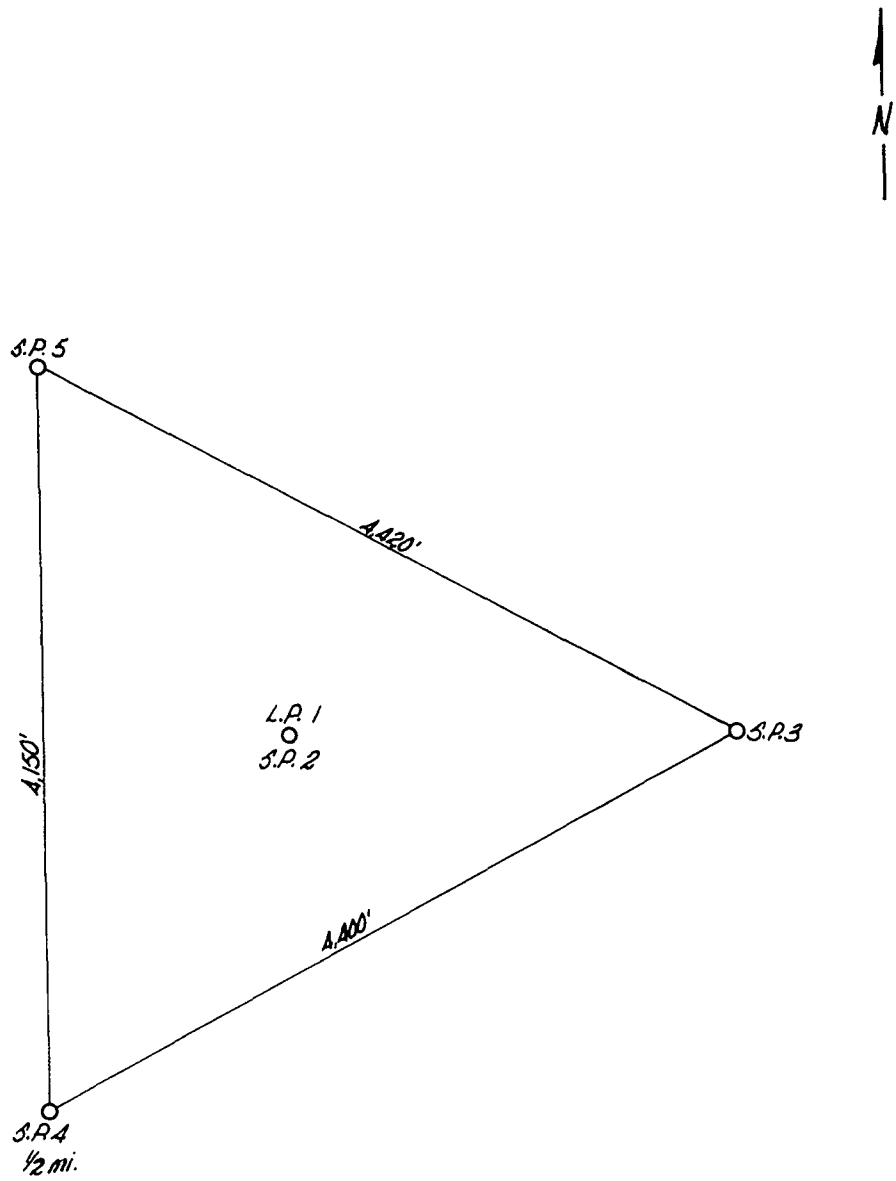
MENDOTA SLAVE STATION
SCALE 1" = 1,000'

Figure 6.8.2.2



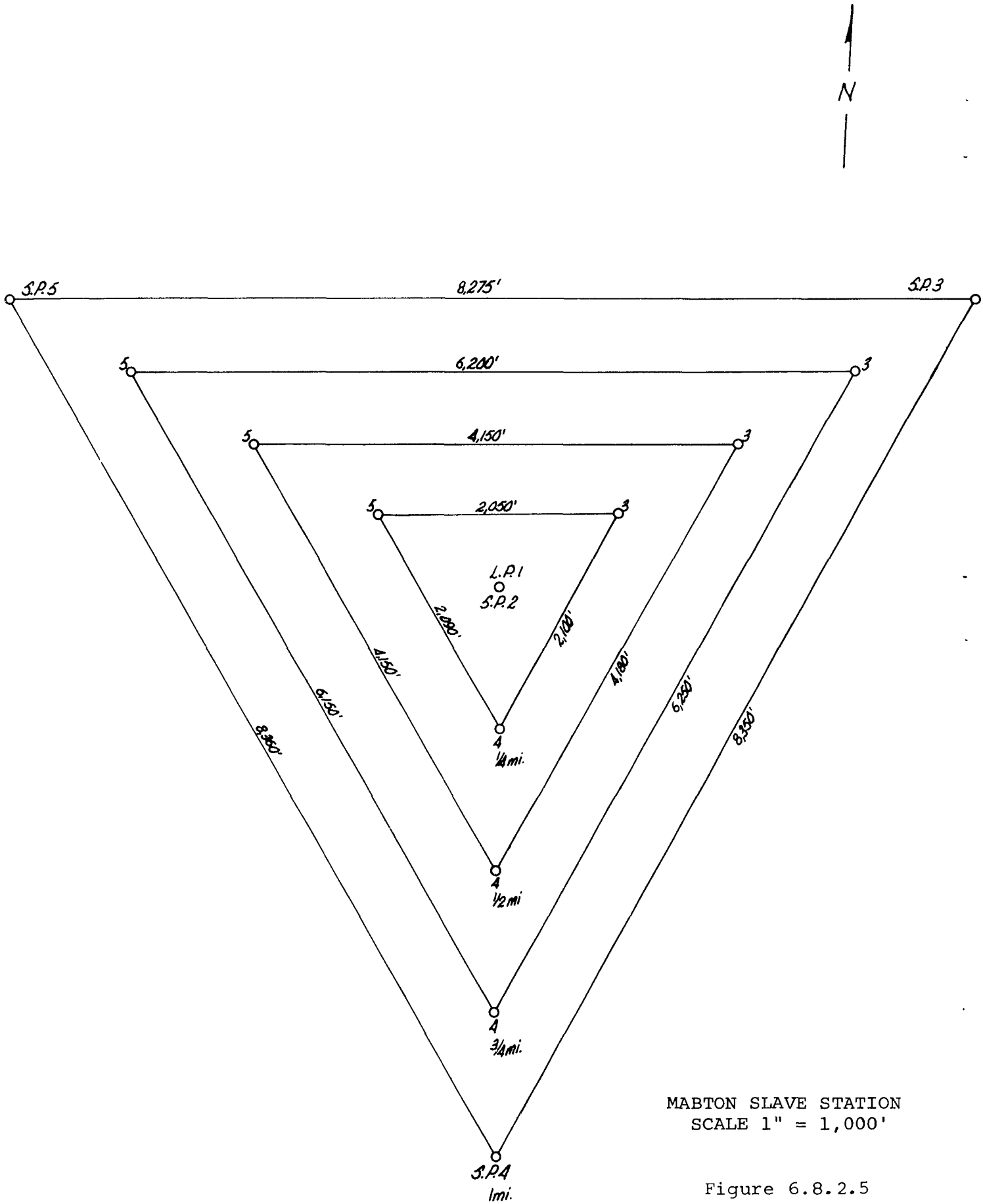
RANDLE SLAVE STATION
SCALE 1" = 1,000'

Figure 6.8.2.3



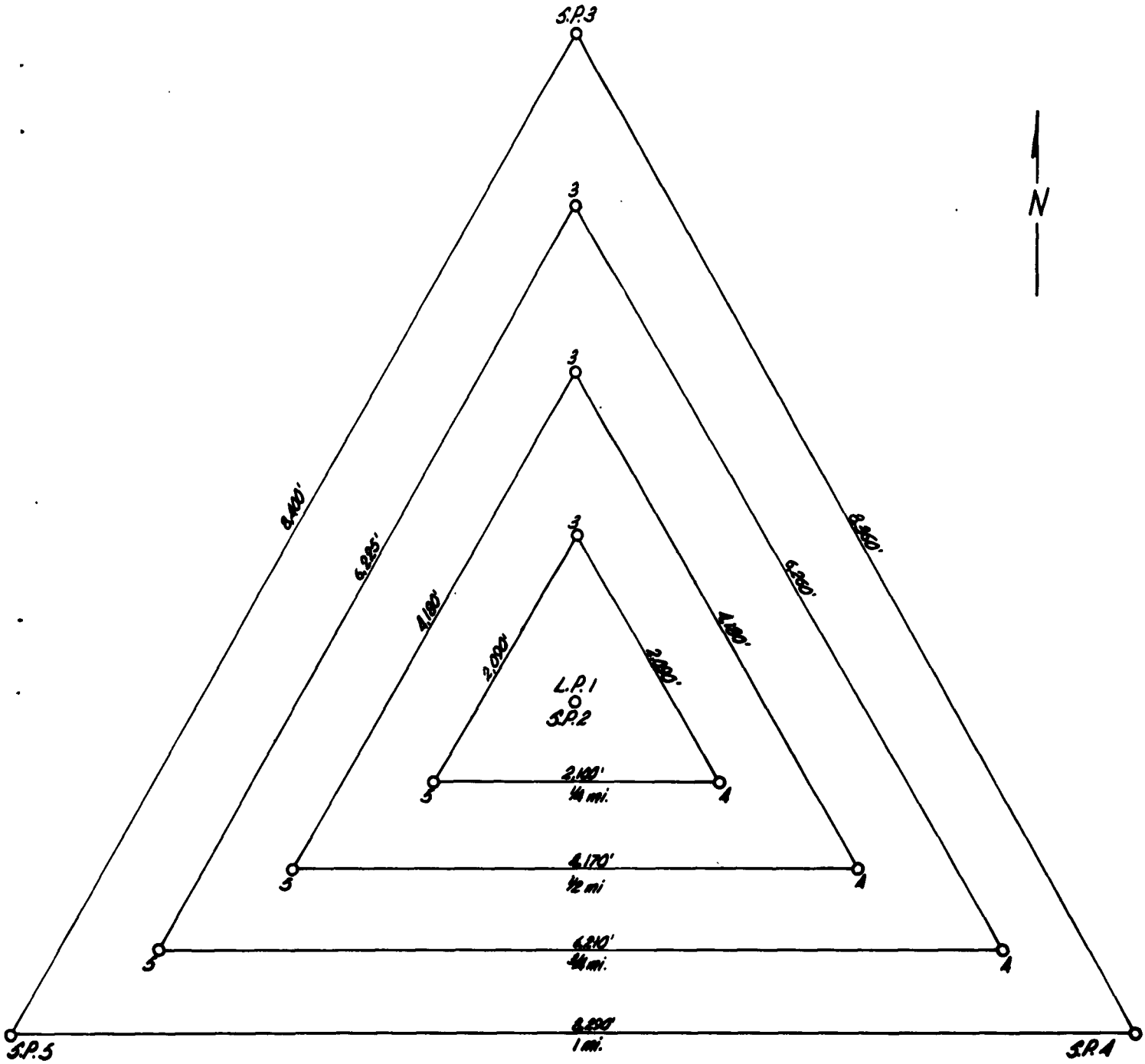
TOPPENISH RIDGE MASTER STATION
SCALE 1" = 1,000'

Figure 6.8.2.4



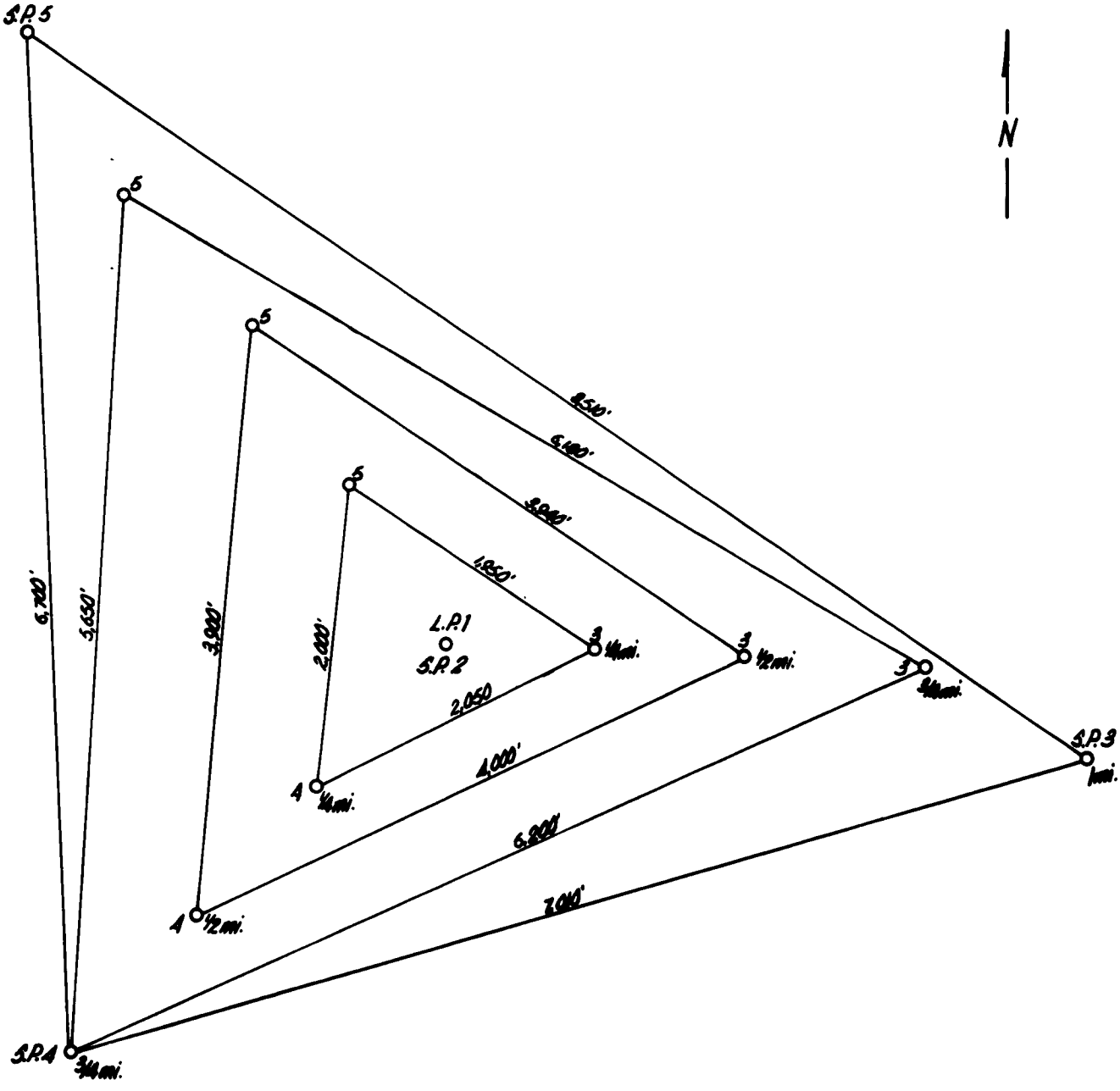
MABTON SLAVE STATION
SCALE 1" = 1,000'

Figure 6.8.2.5



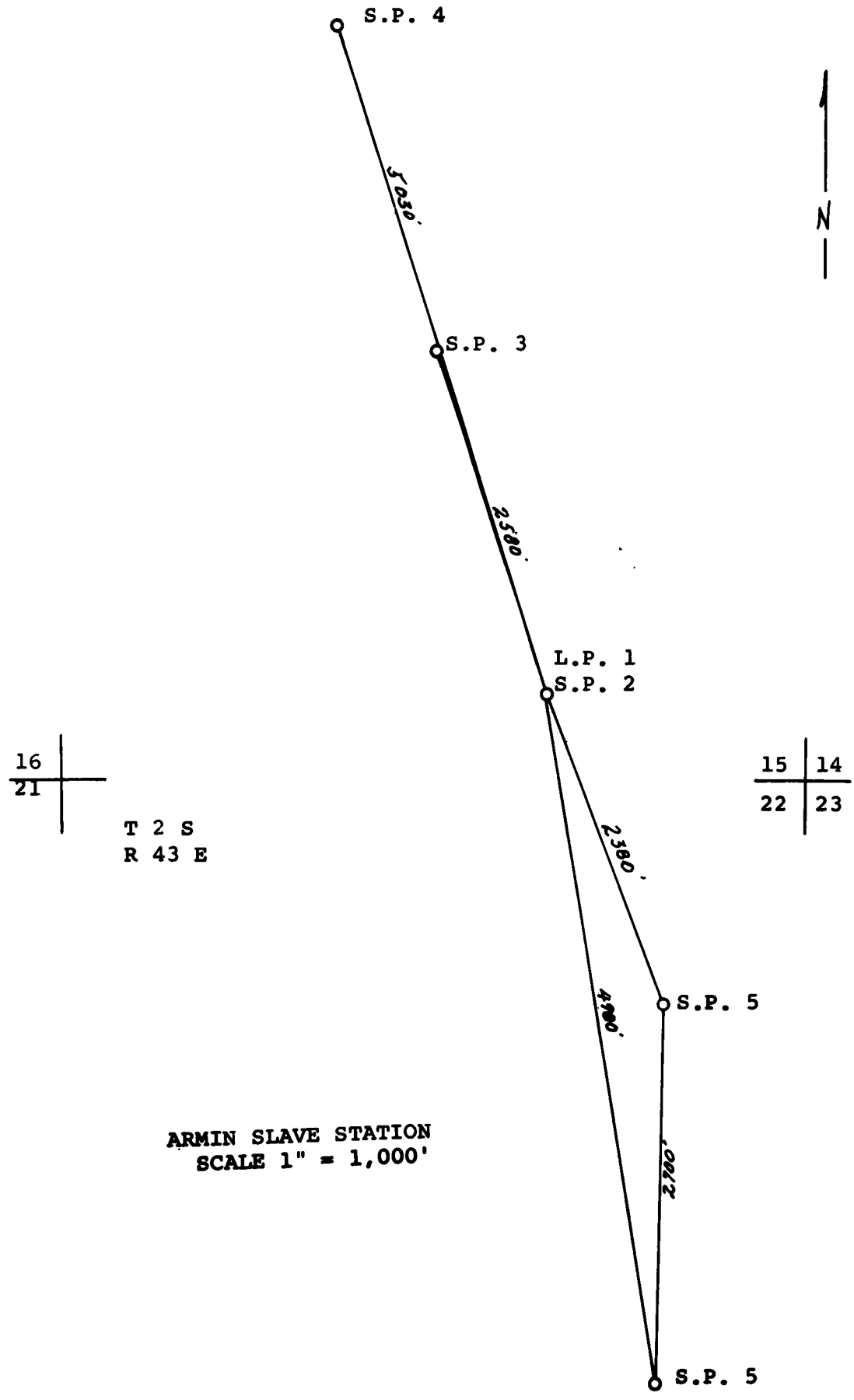
PATERSON SLAVE STATION
SCALE 1" = 1,000'

Figure 6.8.2.6



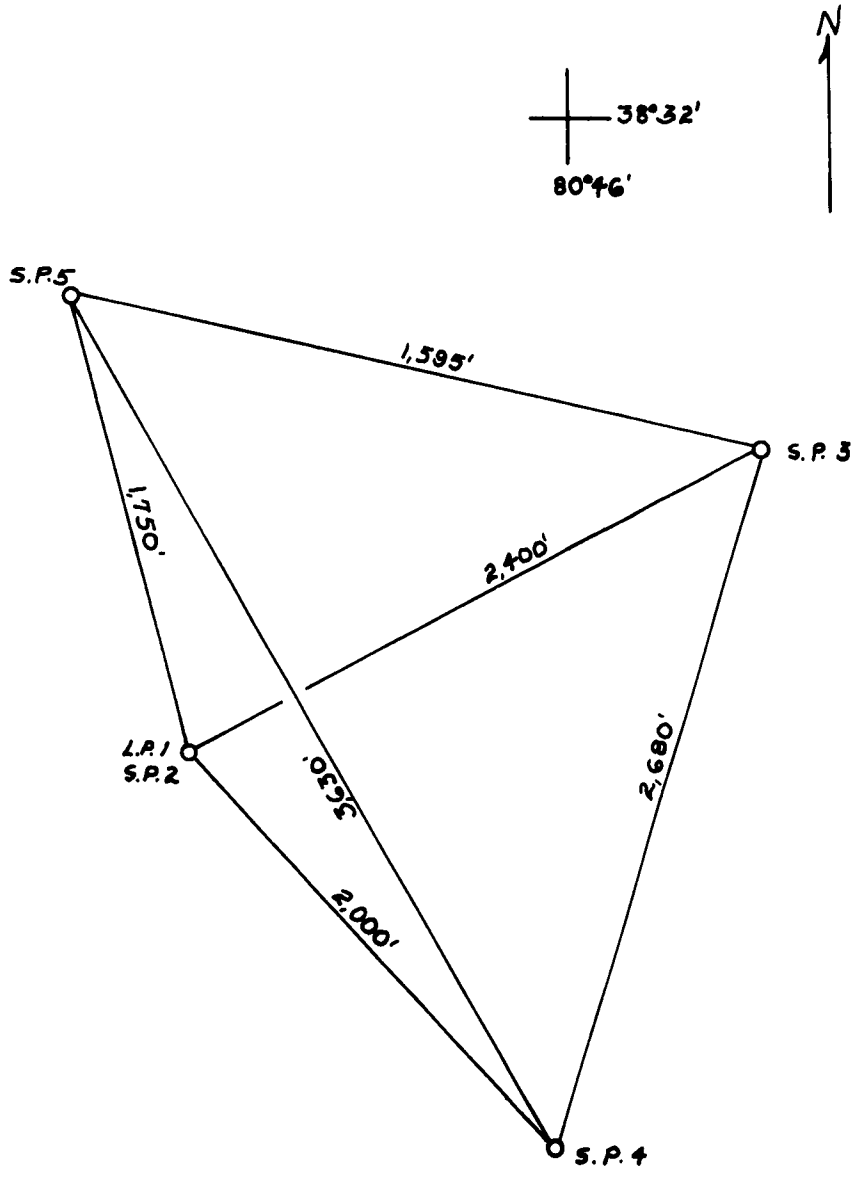
GIBBON SLAVE STATION
SCALE 1" = 1,000'

Figure 6.8.2.7



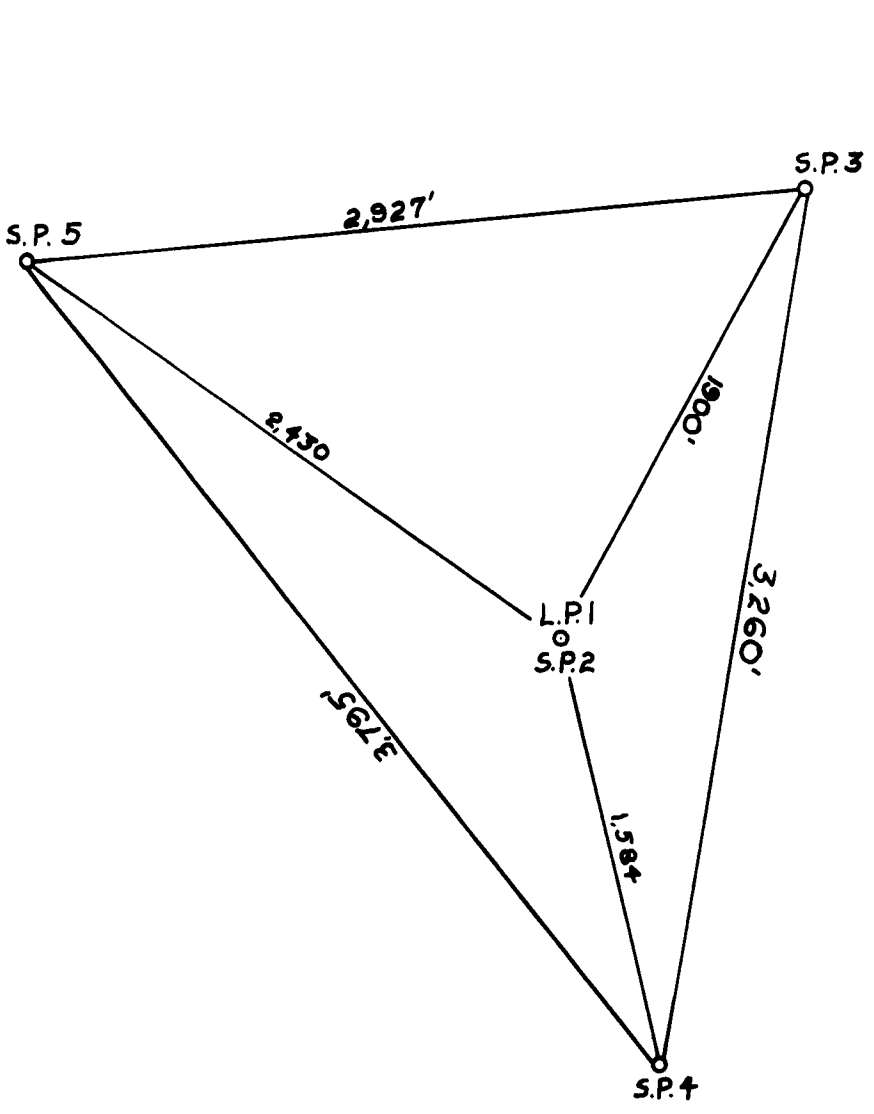
ARMIN SLAVE STATION
SCALE 1" = 1,000'

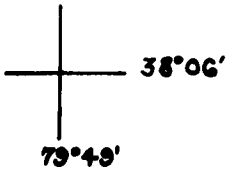
Figure 6.8.2.8



BIRCH RIVER SLAVE STATION
SCALE 1" = 660'

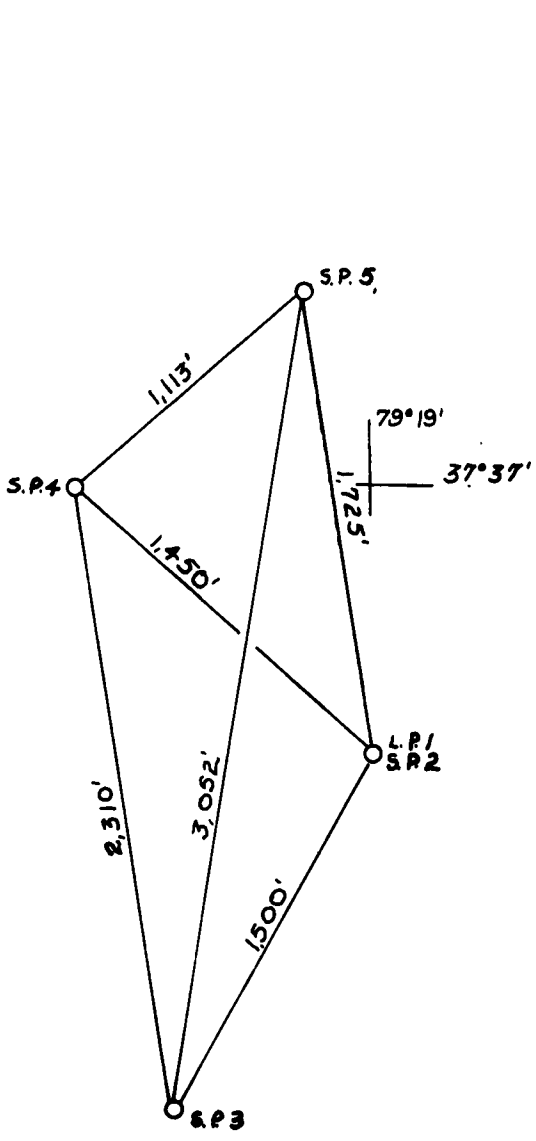
Figure 6.8.3.1





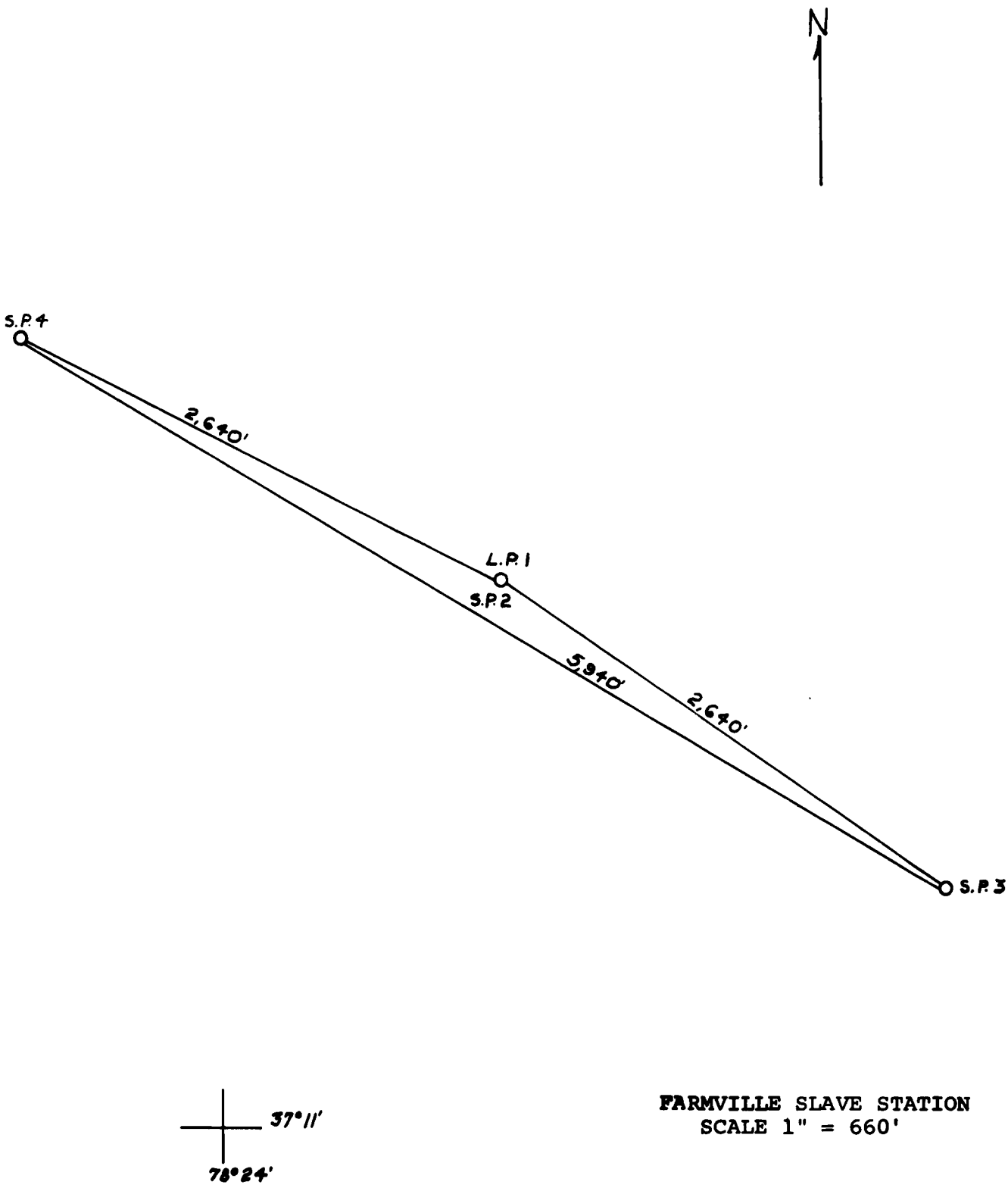
WARM SPRINGS MASTER STATION
SCALE 1" = 660'

Figure 6.8.3.2



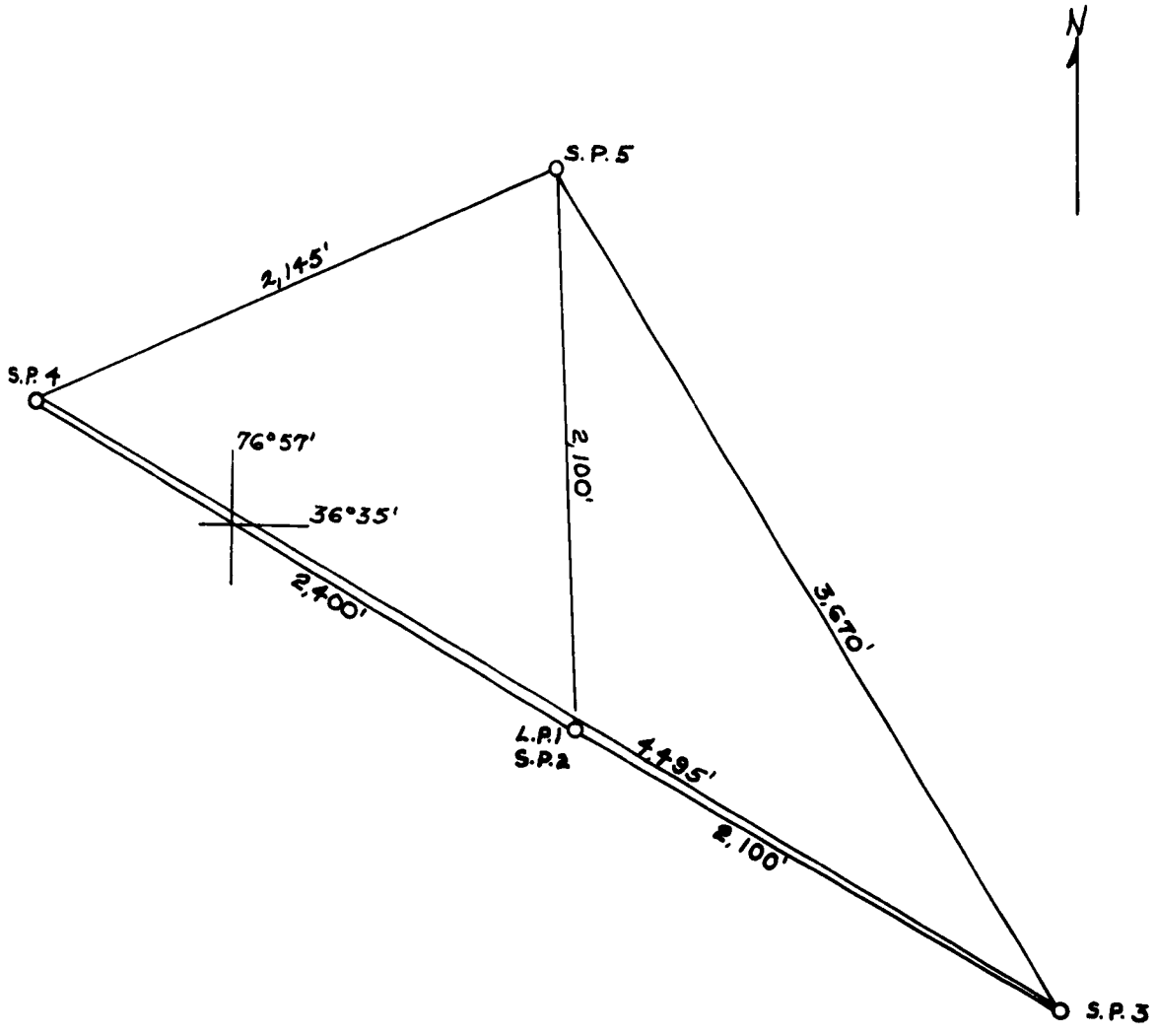
BUENA VISTA SLAVE STATION
SCALE 1" = 660'

Figure 6.8.3.3



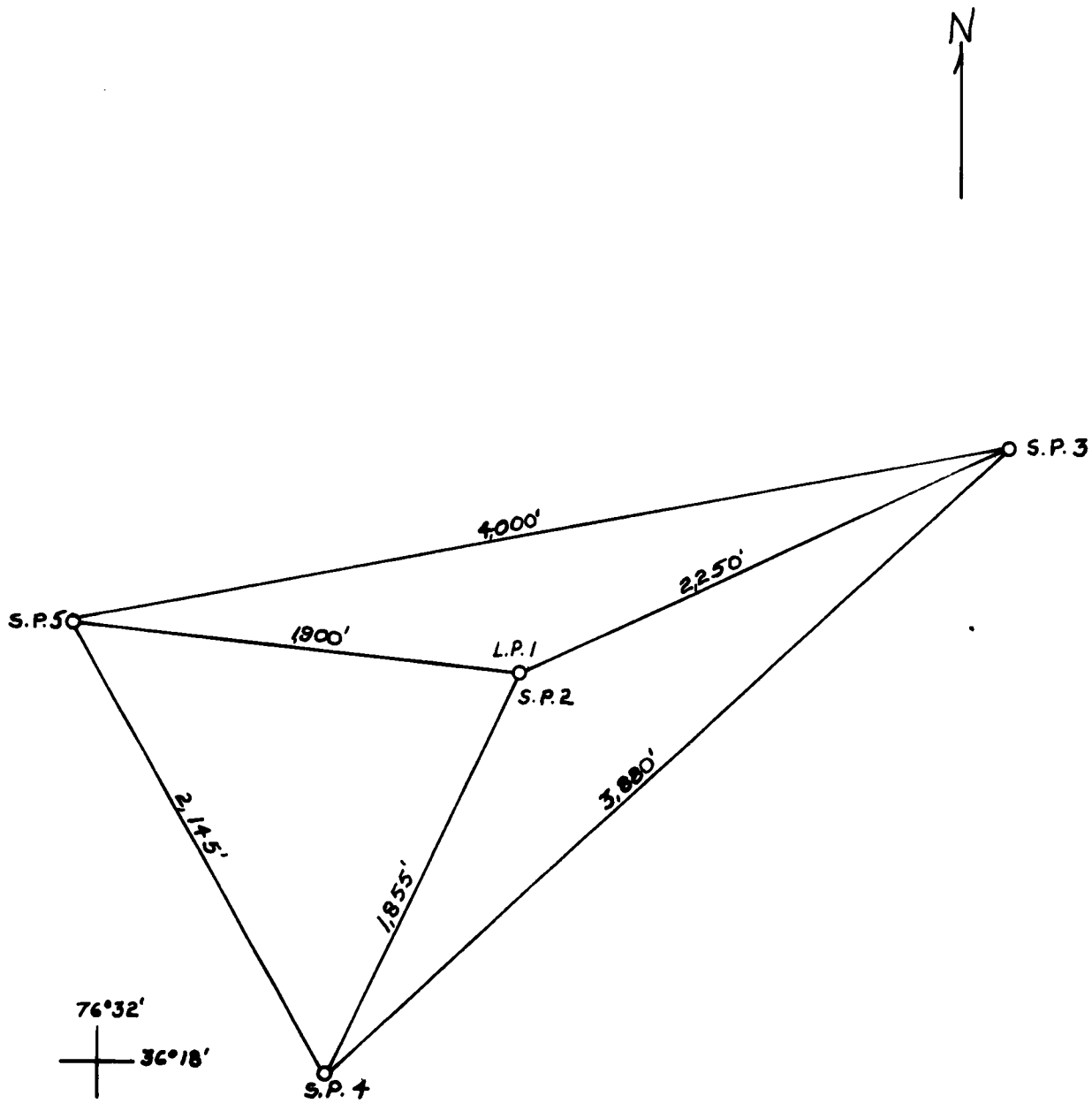
FARMVILLE SLAVE STATION
SCALE 1" = 660'

Figure 6.8.3.4



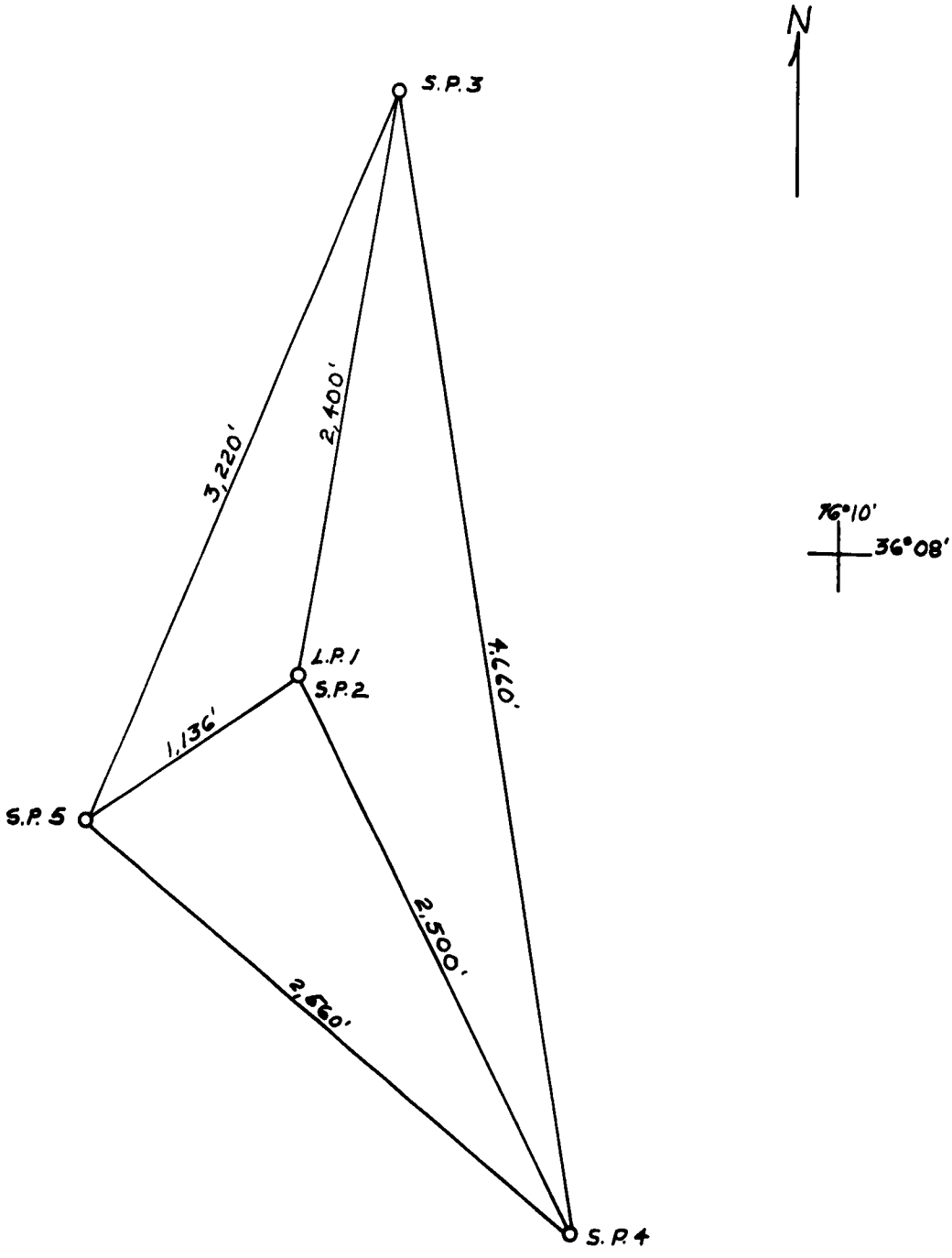
FRANKLIN SLAVE STATION
SCALE 1" = 660'

Figure 6.8.3.5



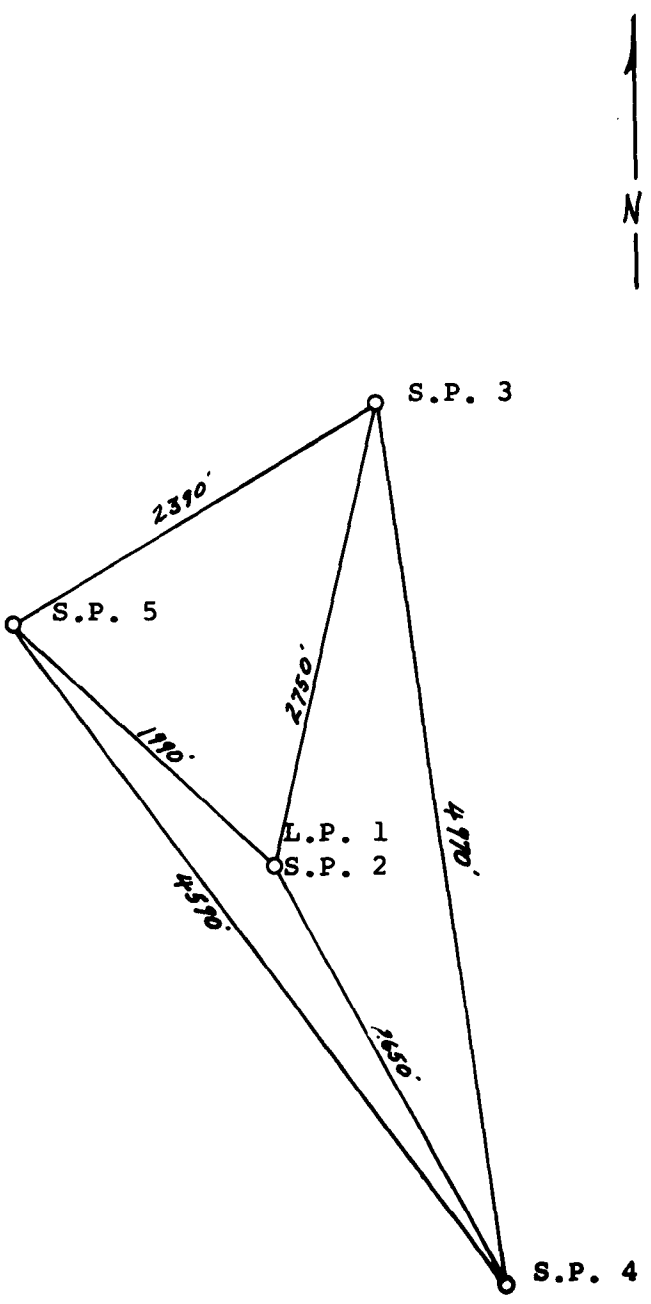
BELVIDERE SLAVE STATION
SCALE 1" = 660'

Figure 6.8.3.6



WEEKSVILLE SLAVE STATION
SCALE 1" = 660'

Figure 6.8.3.7



BODIE ISLAND SLAVE STATION
SCALE 1" = 1,000'

Figure 6.8.3.8

6.9 Calibration Statistics

This section consists of a series of 10 figures in which the readings and system noise readings, described in Section 3.2.2.2, are plotted against the dates of recording on the three profiles. Measurements of seismometer response to calibration signals are shown through various stages of modification by data analysis equipment.

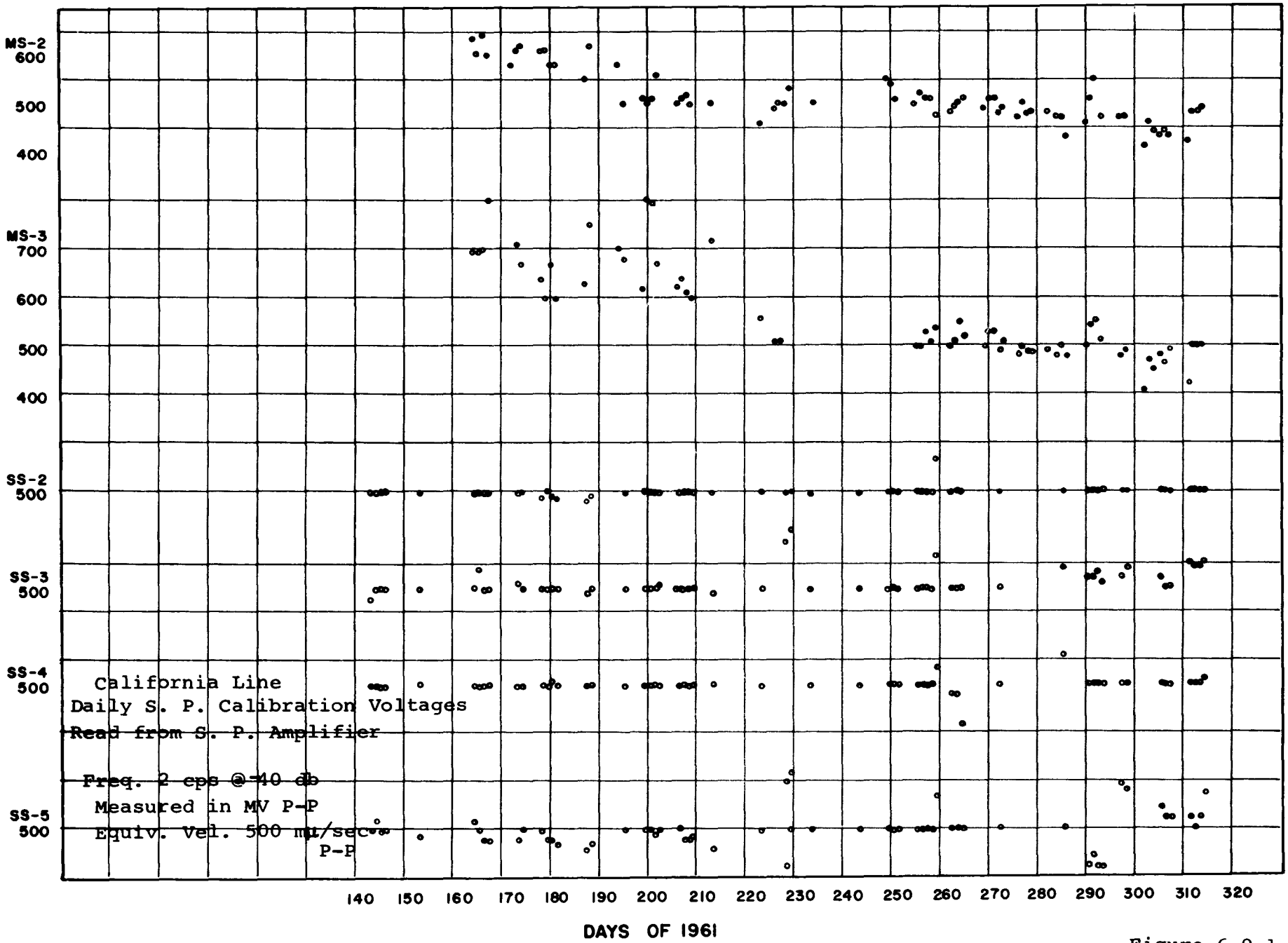

MS-2
600
500
400
MS-3
700
600
500
400
SS-2
500
SS-3
500
SS-4
500
SS-5
500
California Line
Daily S. P. Calibration Voltages
Read from S. P. Amplifier
Freq. 2 cps @ -40 db
Measured in MV P-P
Equiv. Vel. 500 mμ/sec P-P
140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320
DAYS OF 1961

Figure 6.9.1

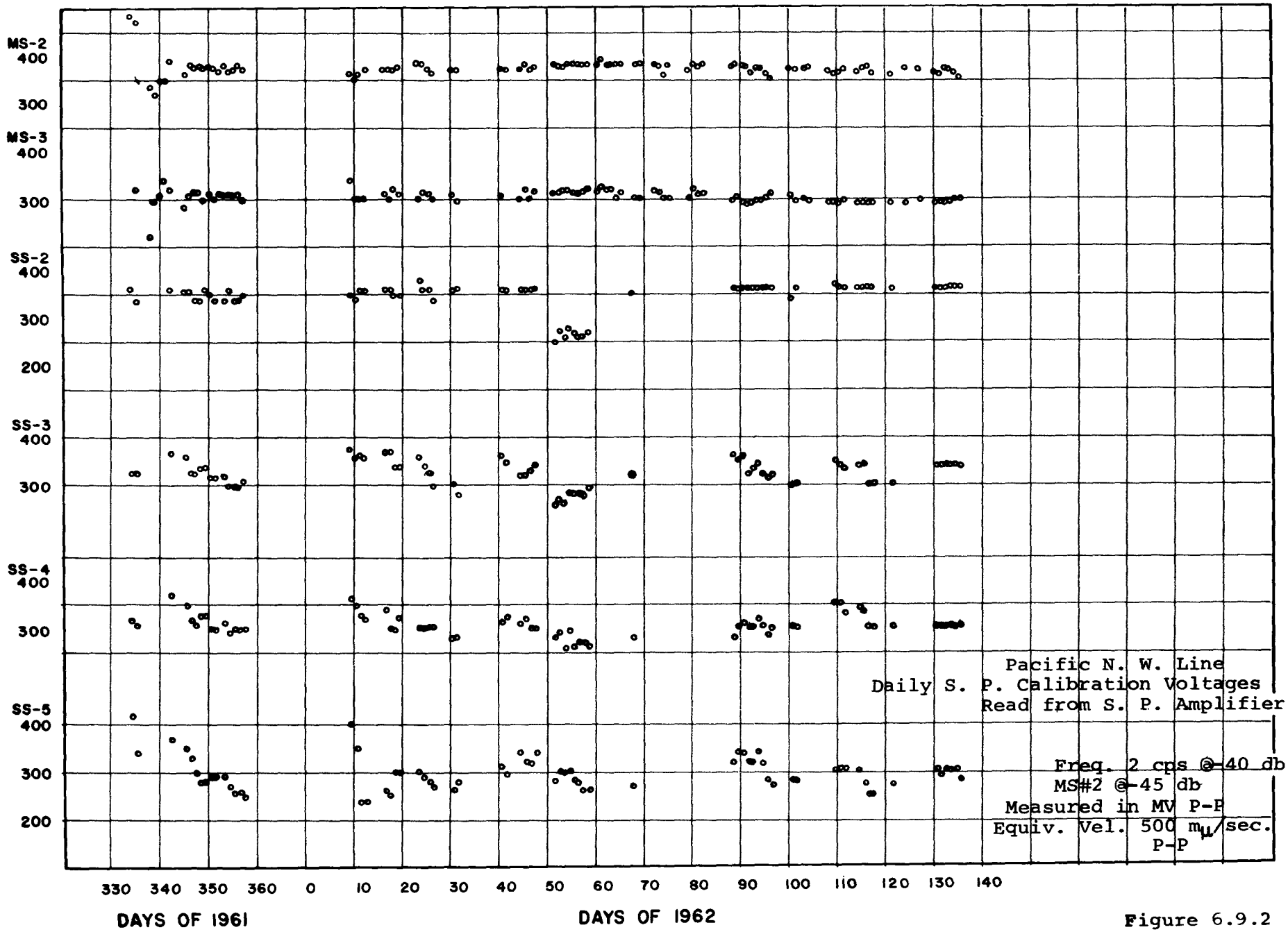

MS-2
400
300
MS-3
400
300
SS-2
400
300
200
SS-3
400
300
SS-4
400
300
SS-5
400
300
200
330 340 350 360 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140
DAYS OF 1961
DAYS OF 1962
Pacific N. W. Line
Daily S. P. Calibration Voltages
Read from S. P. Amplifier
Freq. 2 cps @-40 db
MS#2 @-45 db
Measured in MV P-P
Equiv. Vel. 500 mμ/sec.
P-P

Figure 6.9.2

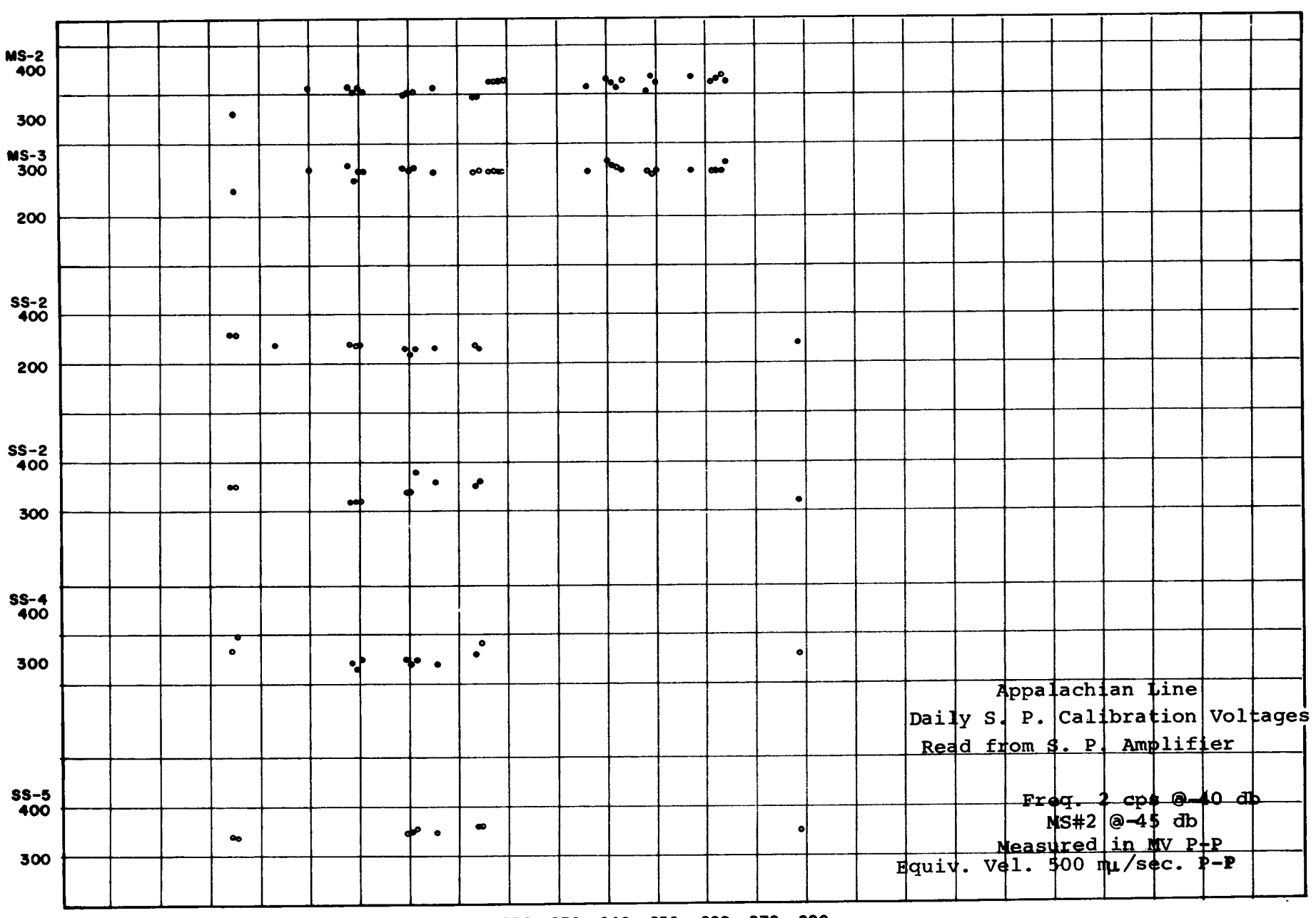

MS-2
400
300
MS-3
300
200
SS-2
400
200
SS-2
400
300
SS-4
400
300
SS-5
400
300
160 170 180 190 200 210 220 230 240 250 260 270 280
DAYS OF 1962
Appalachian Line
Daily S. P. Calibration Voltages
Read from S. P. Amplifier
Freq. 2 cps @-40 db
MS#2 @-45 db
Measured in MV P-P
Equiv. Vel. 500 mμ/sec. P-P

Figure 6.9.3

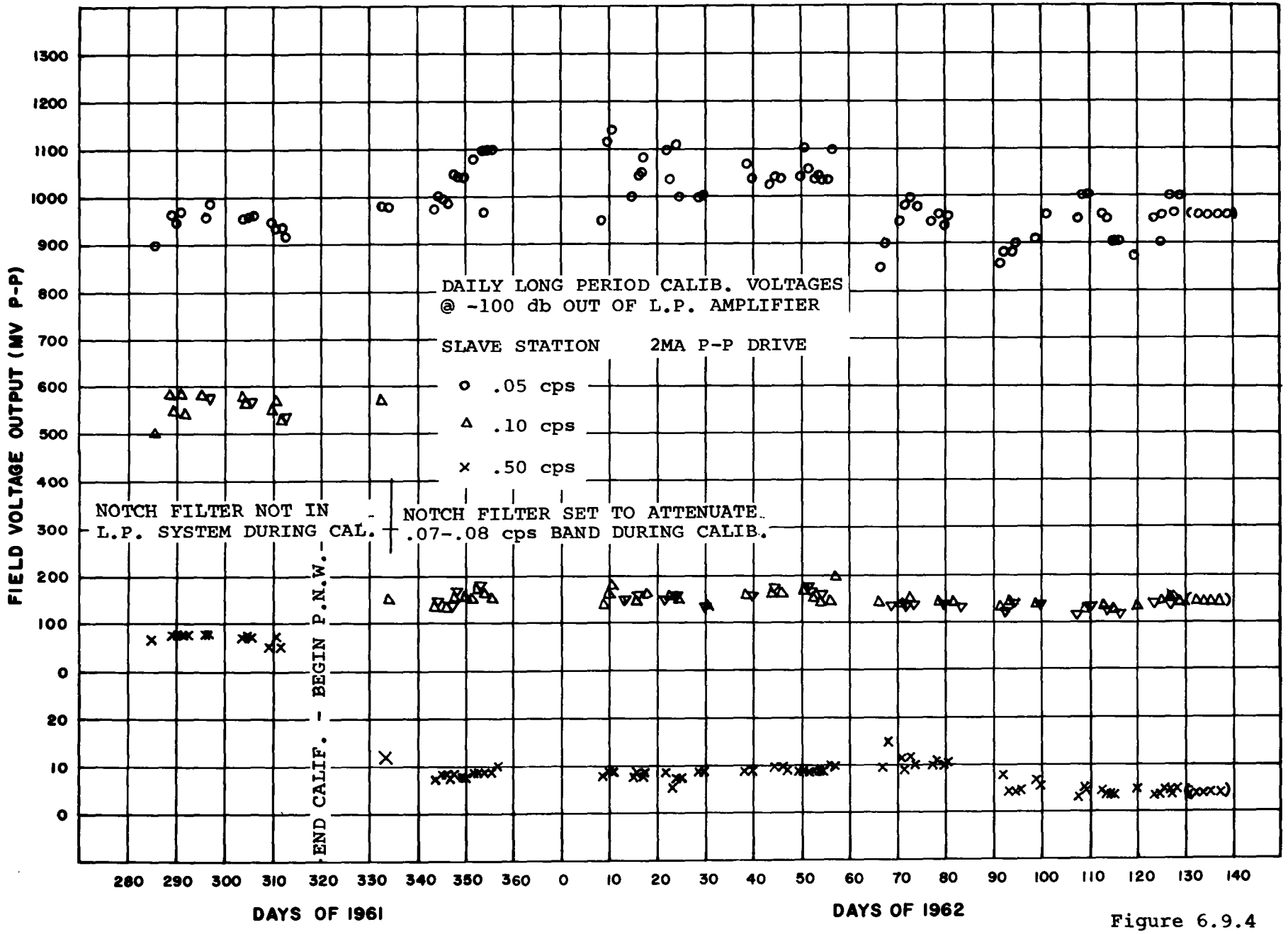

FIELD VOLTAGE OUTPUT (MV P-P)
1300
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
20
10
0
DAILY LONG PERIOD CALIB. VOLTAGES
@ -100 db OUT OF L.P. AMPLIFIER
SLAVE STATION 2MA P-P DRIVE
o .05 cps
Δ .10 cps
× .50 cps
NOTCH FILTER NOT IN L.P. SYSTEM DURING CAL.
NOTCH FILTER SET TO ATTENUATE .07-.08 cps BAND DURING CALIB.
END CALIF. - BEGIN P.N.W.
280 290 300 310 320 330 340 350 360 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140
DAYS OF 1961
DAYS OF 1962

Figure 6.9.4

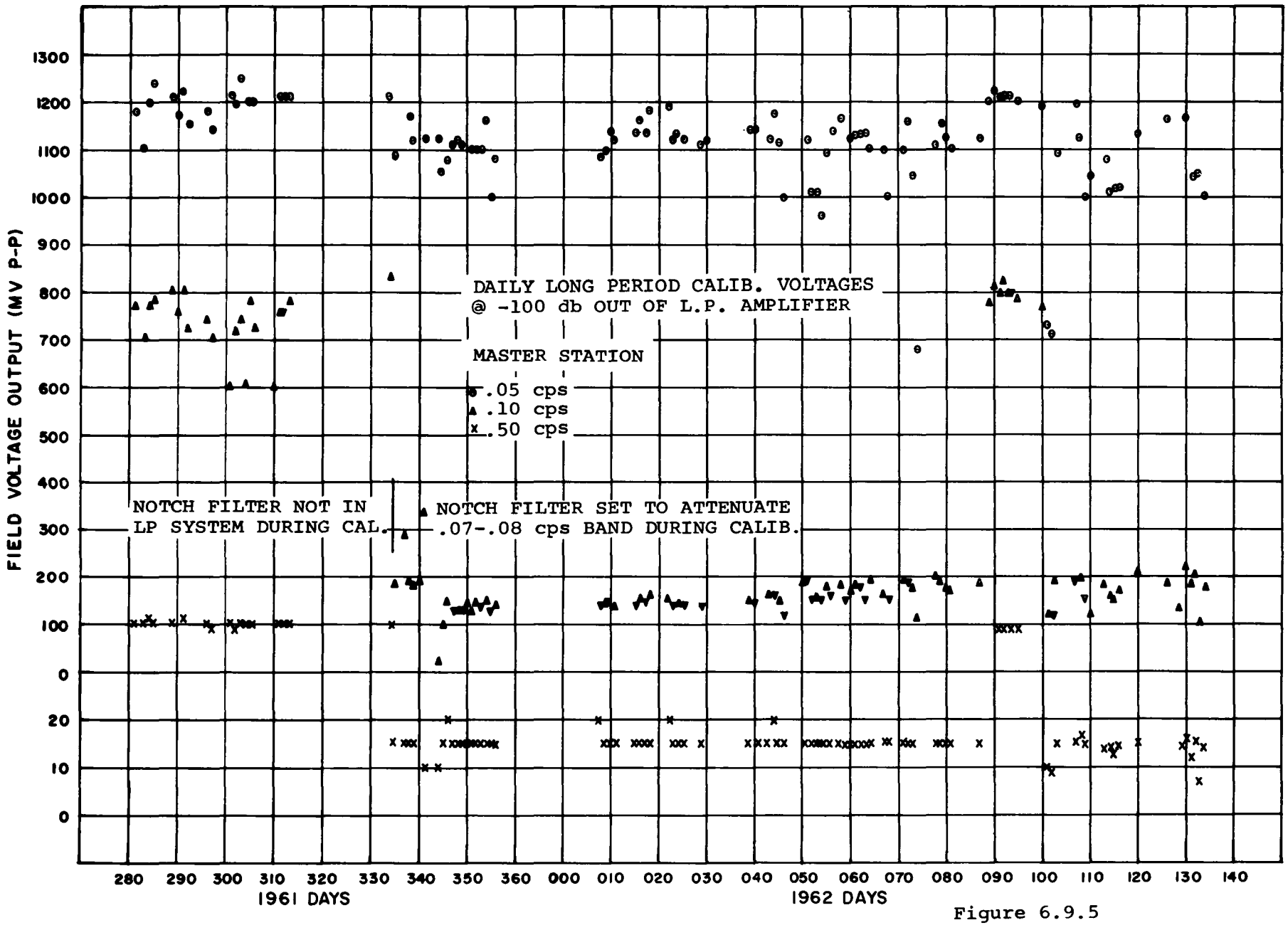

FIELD VOLTAGE OUTPUT (MV P-P)
1300
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
20
10
0
DAILY LONG PERIOD CALIB. VOLTAGES
@ -100 db OUT OF L.P. AMPLIFIER
MASTER STATION
.05 cps
.10 cps
.50 cps
NOTCH FILTER NOT IN
LP SYSTEM DURING CAL.
NOTCH FILTER SET TO ATTENUATE
.07-.08 cps BAND DURING CALIB.
280 290 300 310 320 330 340 350 360 000 010 020 030 040 050 060 070 080 090 100 110 120 130 140
1961 DAYS
1962 DAYS

Figure 6.9.5

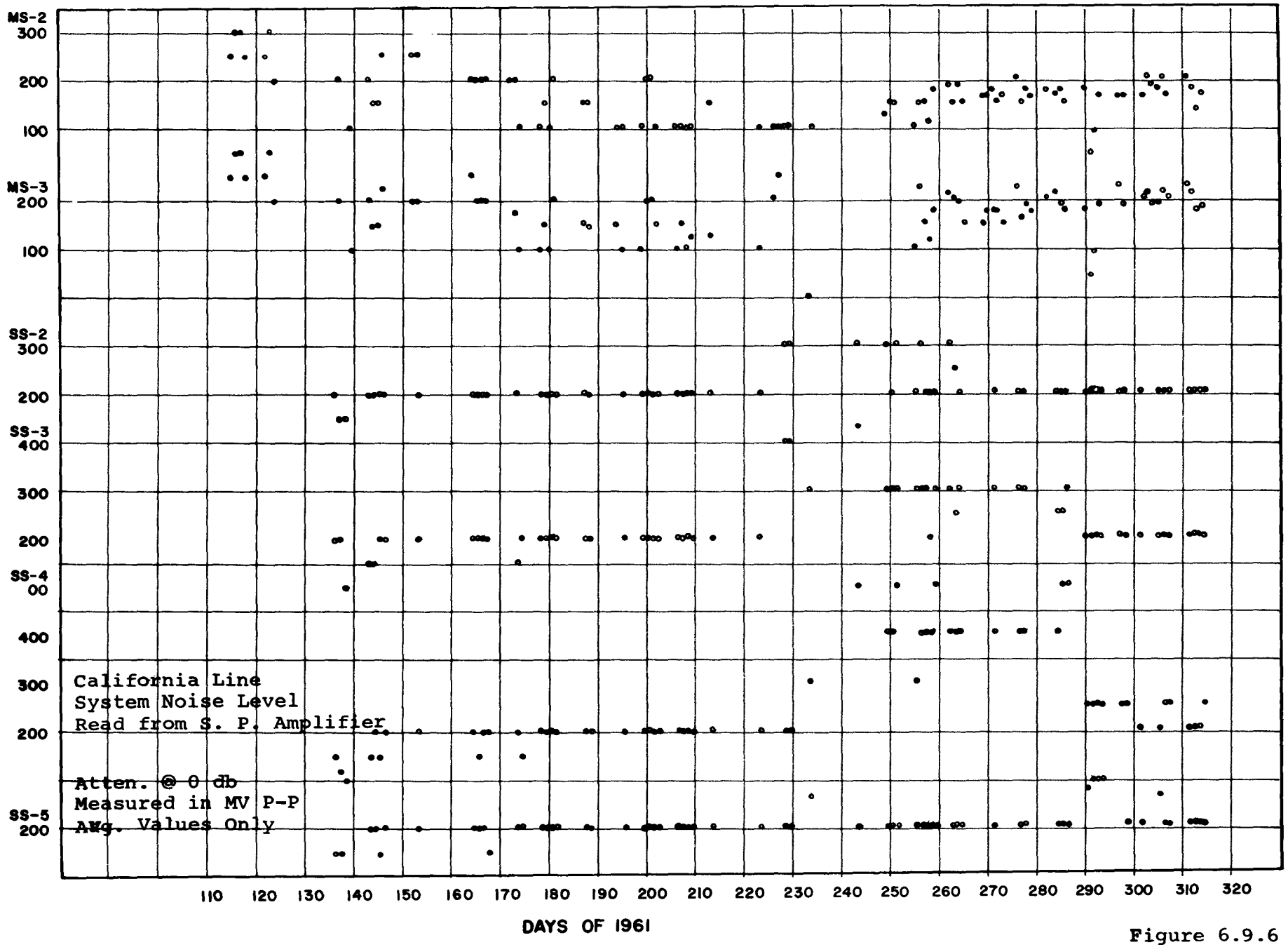

MS-2
300
200
100
MS-3
200
100
SS-2
300
200
SS-3
400
300
200
SS-4
00
400
300
200
SS-5
200
California Line
System Noise Level
Read from S. P. Amplifier
Atten. @ 0 db
Measured in MV P-P
Avg. Values Only
110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320
DAYS OF 1961

Figure 6.9.6

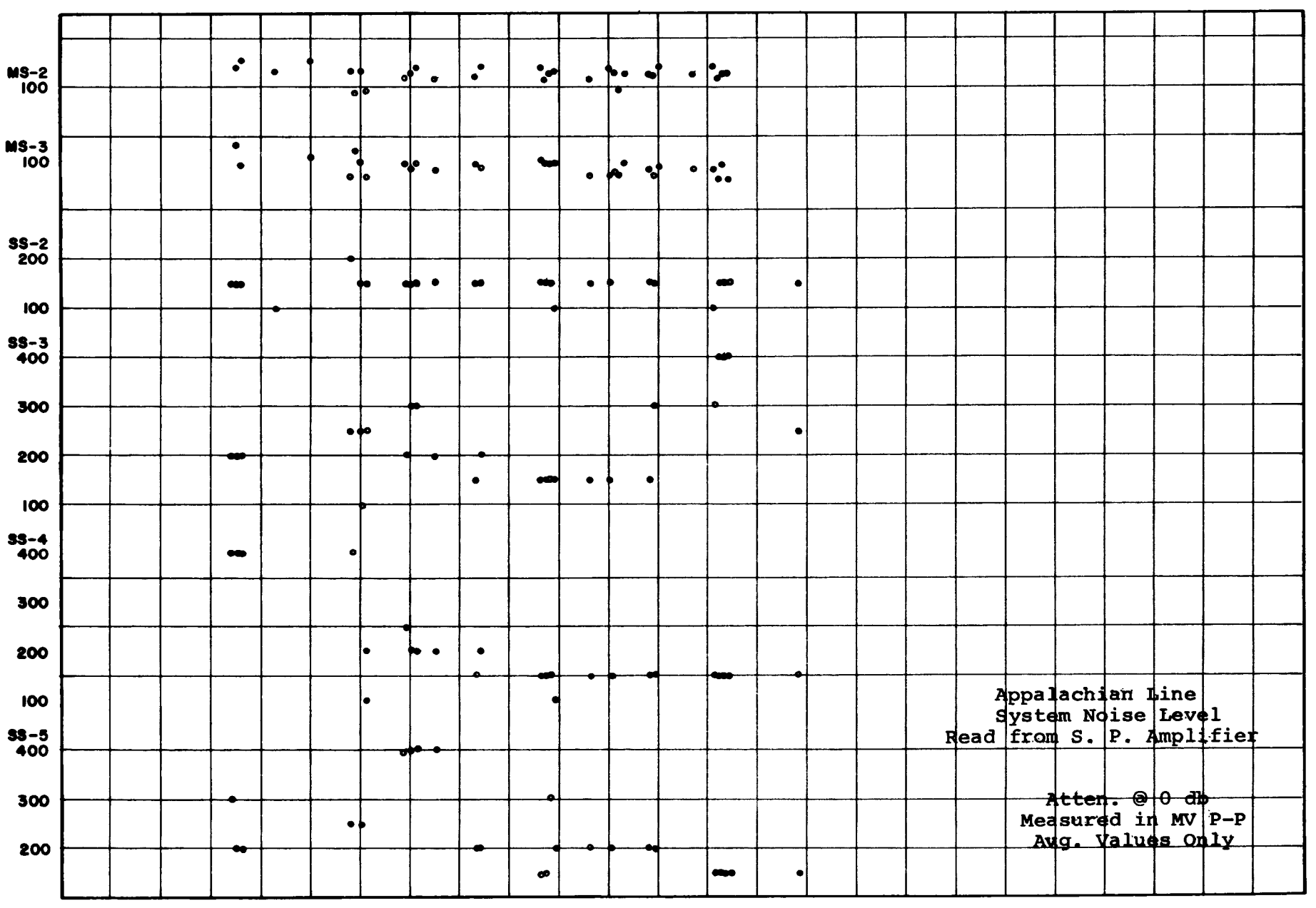

MS-2
100
MS-3
100
SS-2
200
100
SS-3
400
300
200
100
SS-4
400
300
200
100
SS-5
400
300
200
160 170 180 190 200 210 220 230 240 250 260 270 280
DAYS OF 1962
Appalachian Line
System Noise Level
Read from S. P. Amplifier
Atten. @ 0 db
Measured in MV P-P
Avg. Values Only

Figure 6.9.7

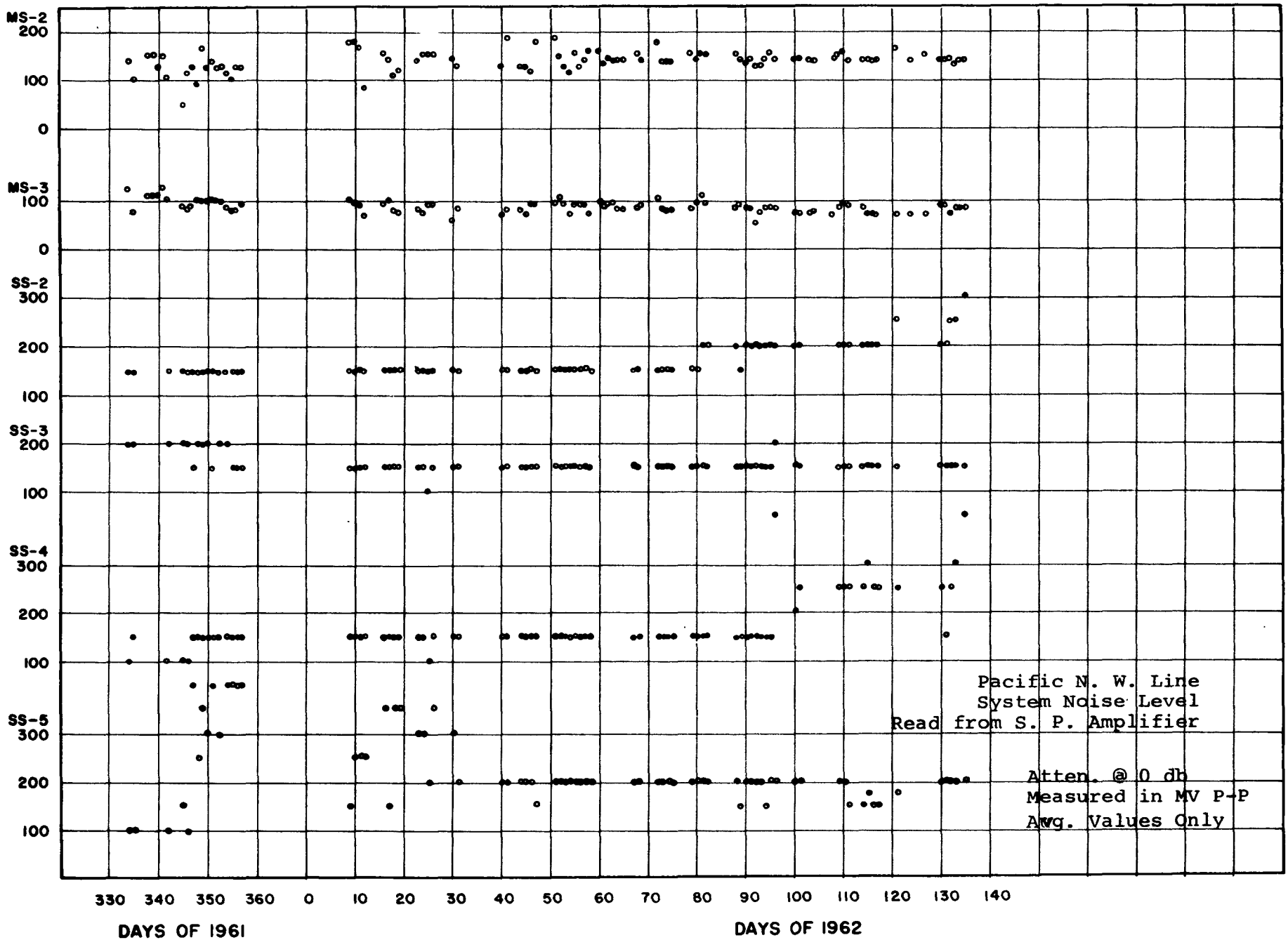

MS-2
200
100
0
MS-3
100
0
SS-2
300
200
100
SS-3
200
100
SS-4
300
200
100
SS-5
300
200
100
Pacific N. W. Line
System Noise Level
Read from S. P. Amplifier
Atten. @ 0 db
Measured in MV P-P
Avg. Values Only
330 340 350 360 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140
DAYS OF 1961
DAYS OF 1962

Figure 6.9.8

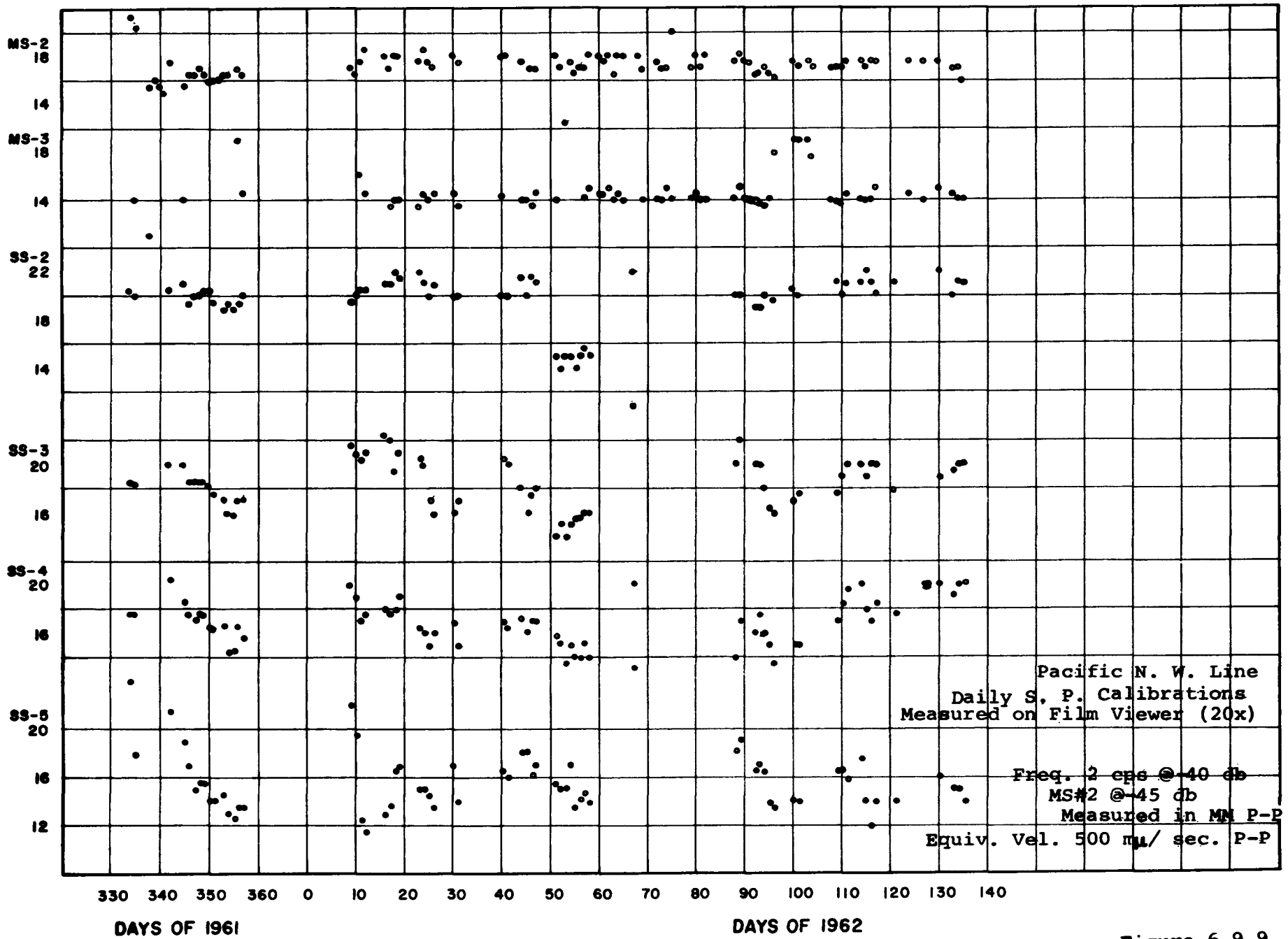

MS-2
18
14
MS-3
18
14
SS-2
22
18
14
SS-3
20
16
SS-4
20
16
SS-5
20
16
12
330 340 350 360 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140
DAYS OF 1961
DAYS OF 1962
Pacific N. W. Line
Daily S. P. Calibrations
Measured on Film Viewer (20x)
Freq. 2 cps @ 40 db
MS#2 @ 45 db
Measured in MM P-P
Equiv. Vel. 500 mμ/ sec. P-P

Figure 6.9.9

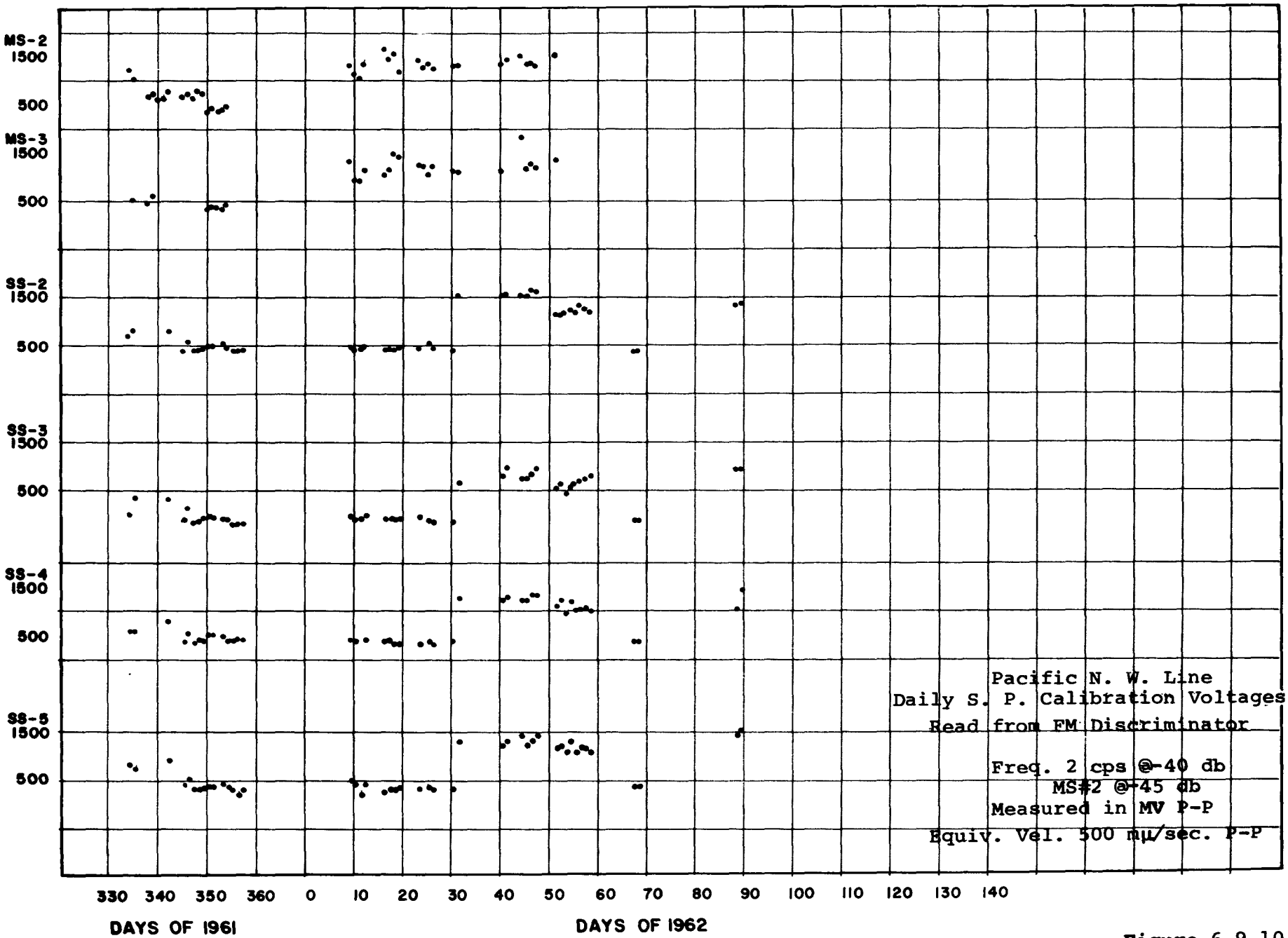
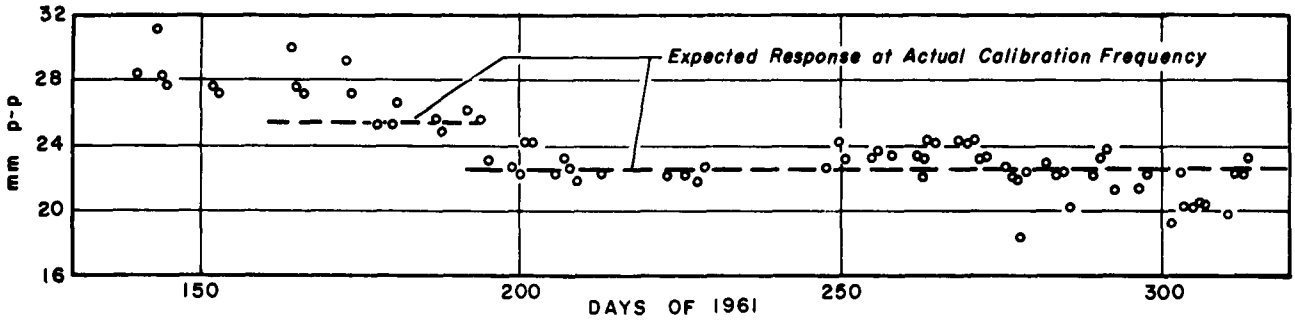
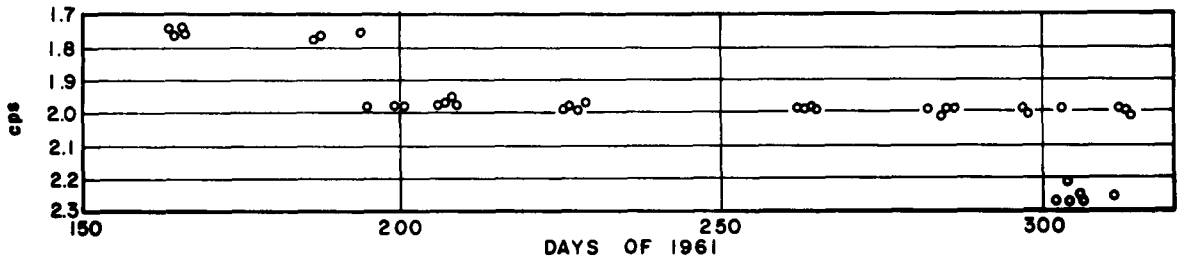

MS-2
1500
500
MS-3
1500
500
SS-2
1500
500
SS-3
1500
500
SS-4
1500
500
SS-5
1500
500
330 340 350 360 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140
DAYS OF 1961
DAYS OF 1962
Pacific N. W. Line
Daily S. P. Calibration Voltages
Read from FM Discriminator
Freq. 2 cps @-40 db
MS#2 @-45 db
Measured in MV P-P
Equiv. Vel. 500 mμ/sec. P-P

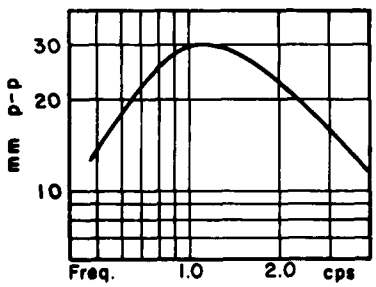
Figure 6.9.10



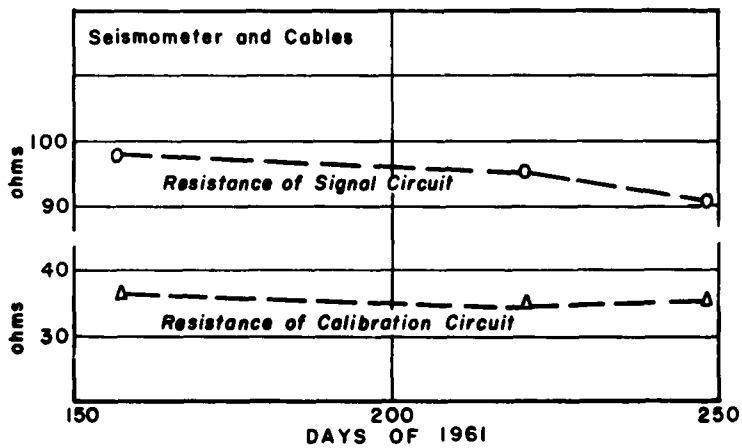
Observed Response to Daily Calibrations of Nominal 2.0 cps Frequency
(constant current drive)



Actual Frequencies of Daily "2 cps" Calibrations



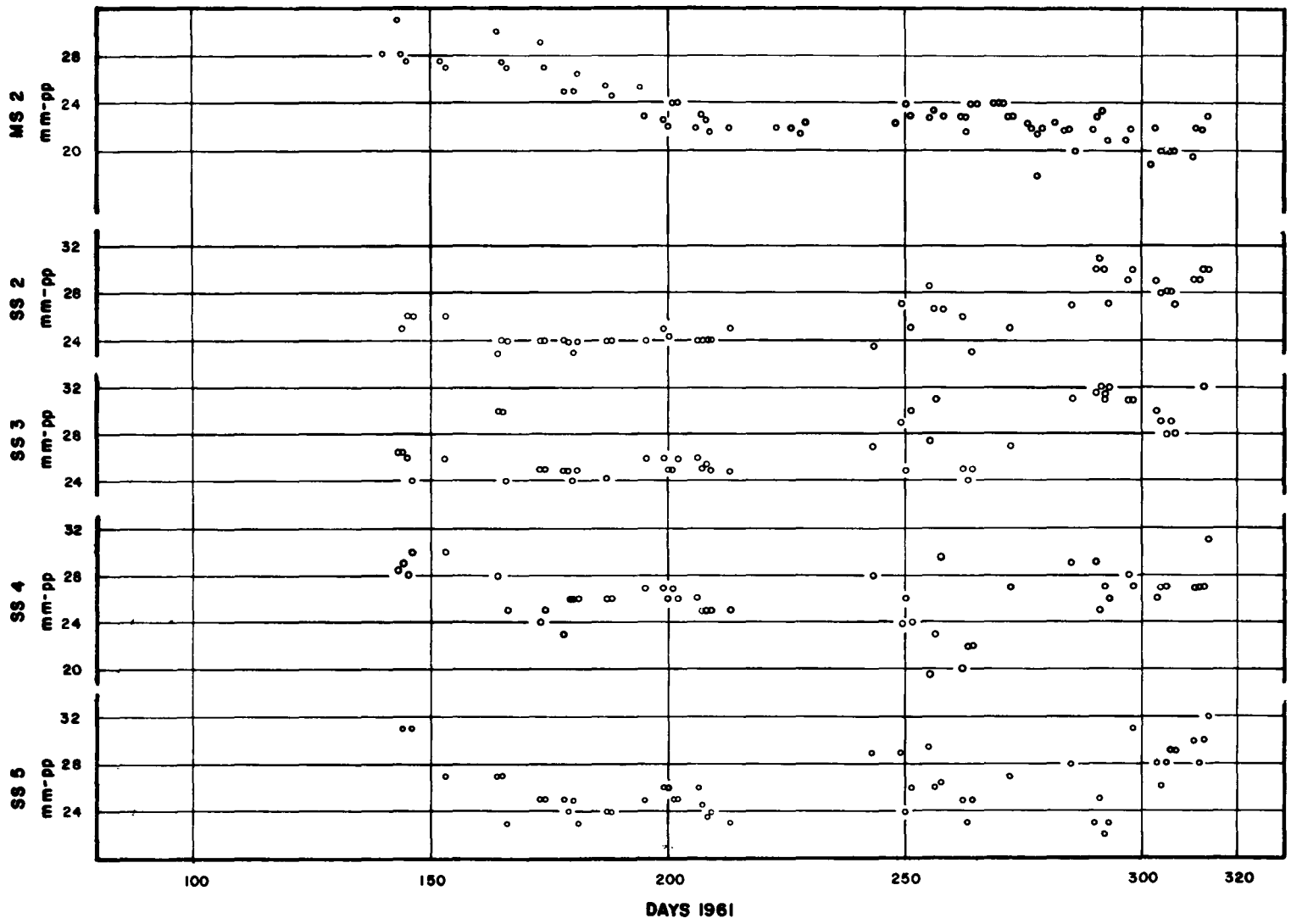
Response to Constant Current Drive



Stability of Gain of the Master Station Short-Period Recording System (Channel #2)

Apparent drift in gain shown by daily 2 cps calibration is largely due to deviation of actual calibration frequency from its nominal value of 2.0 cps.

Figure 6.9.1a



California Profile
Daily S. P. Calibrations

Response to Equivalent Velocity of 500 mμ/sec @ 2 cps
Measured in mm p-p on Film Viewer (20x) (-40db)

Figure 6.9.1b

6.10 Sample Length Tests

The five figures comprising this section show the degree to which a 200-second sample represents an 800-second sample of seismic noise. The power spectra data represented in the figures came from an 800-second sample of seismic noise, its two 400-second halves, and the first and last of its four 200-second quarters. The similarities in the plots indicate that 200-second samples are fairly good approximations of longer samples of seismic noise, as stated in Section 4.1.1.3.

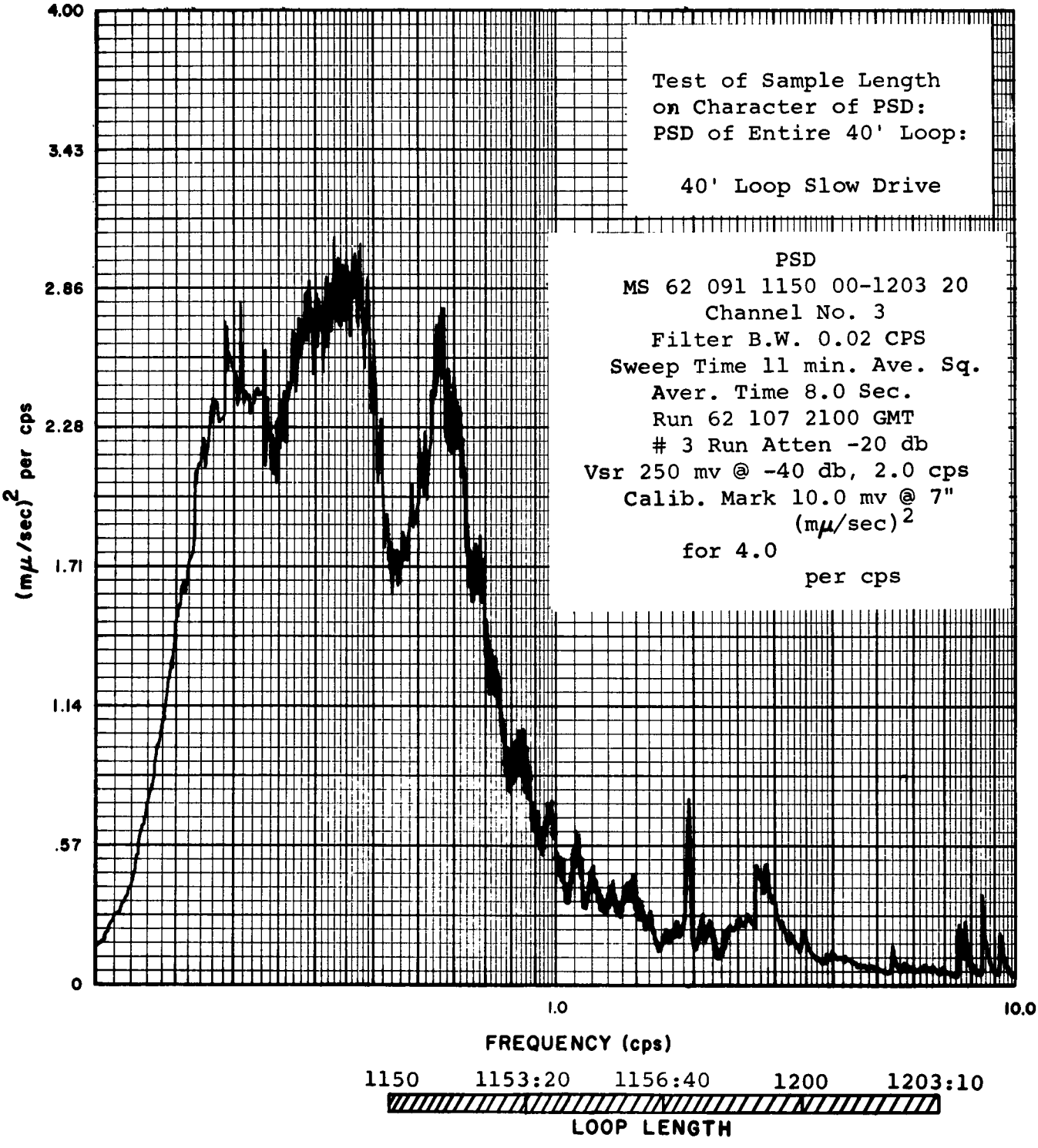

Test of Sample Length
on Character of PSD:
PSD of Entire 40' Loop:
40' Loop Slow Drive
PSD
MS 62 091 1150 00-1203 20
Channel No. 3
Filter B.W. 0.02 CPS
Sweep Time 11 min. Ave. Sq.
Aver. Time 8.0 Sec.
Run 62 107 2100 GMT
3 Run Atten -20 db
Vsr 250 mv @ -40 db, 2.0 cps
Calib. Mark 10.0 mv @ 7"
(mμ/sec)²
for 4.0
per cps
4.00
3.43
2.86
2.28
1.71
1.14
.57
0
(mμ/sec)² per cps
1.0
10.0
FREQUENCY (cps)
1150
1153:20
1156:40
1200
1203:10
LOOP LENGTH

Figure 6.10.1

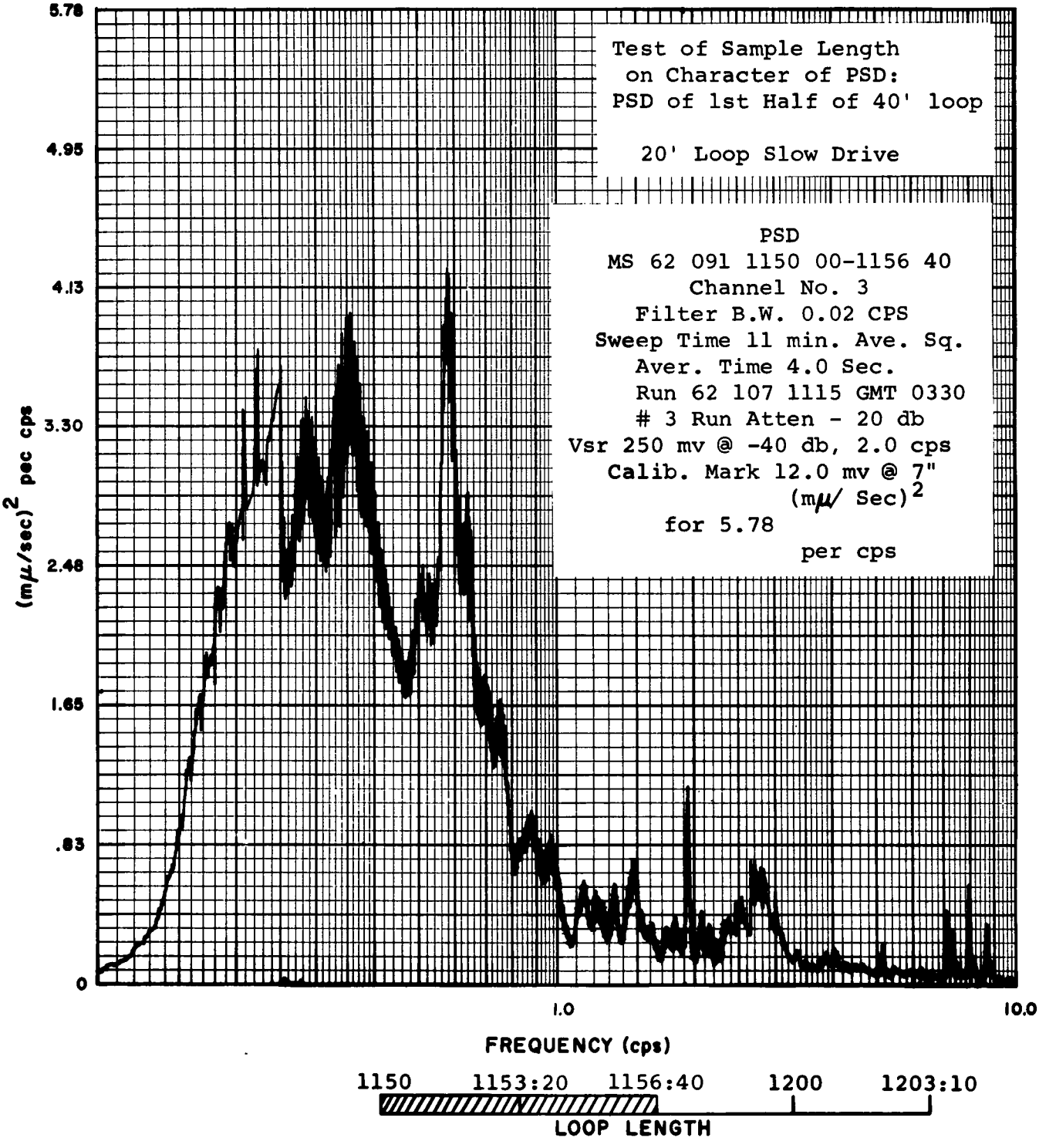

Test of Sample Length
on Character of PSD:
PSD of 1st Half of 40' loop
20' Loop Slow Drive
PSD
MS 62 091 1150 00-1156 40
Channel No. 3
Filter B.W. 0.02 CPS
Sweep Time 11 min. Ave. Sq.
Aver. Time 4.0 Sec.
Run 62 107 1115 GMT 0330
3 Run Atten - 20 db
Vsr 250 mv @ -40 db, 2.0 cps
Calib. Mark 12.0 mv @ 7"
(mμ/ Sec)2
for 5.78
per cps
5.78
4.95
4.13
3.30
2.48
1.65
.83
0
(mμ/sec)2 pec cps
1.0
10.0
FREQUENCY (cps)
1150
1153:20
1156:40
1200
1203:10
LOOP LENGTH

Figure 6.10.2

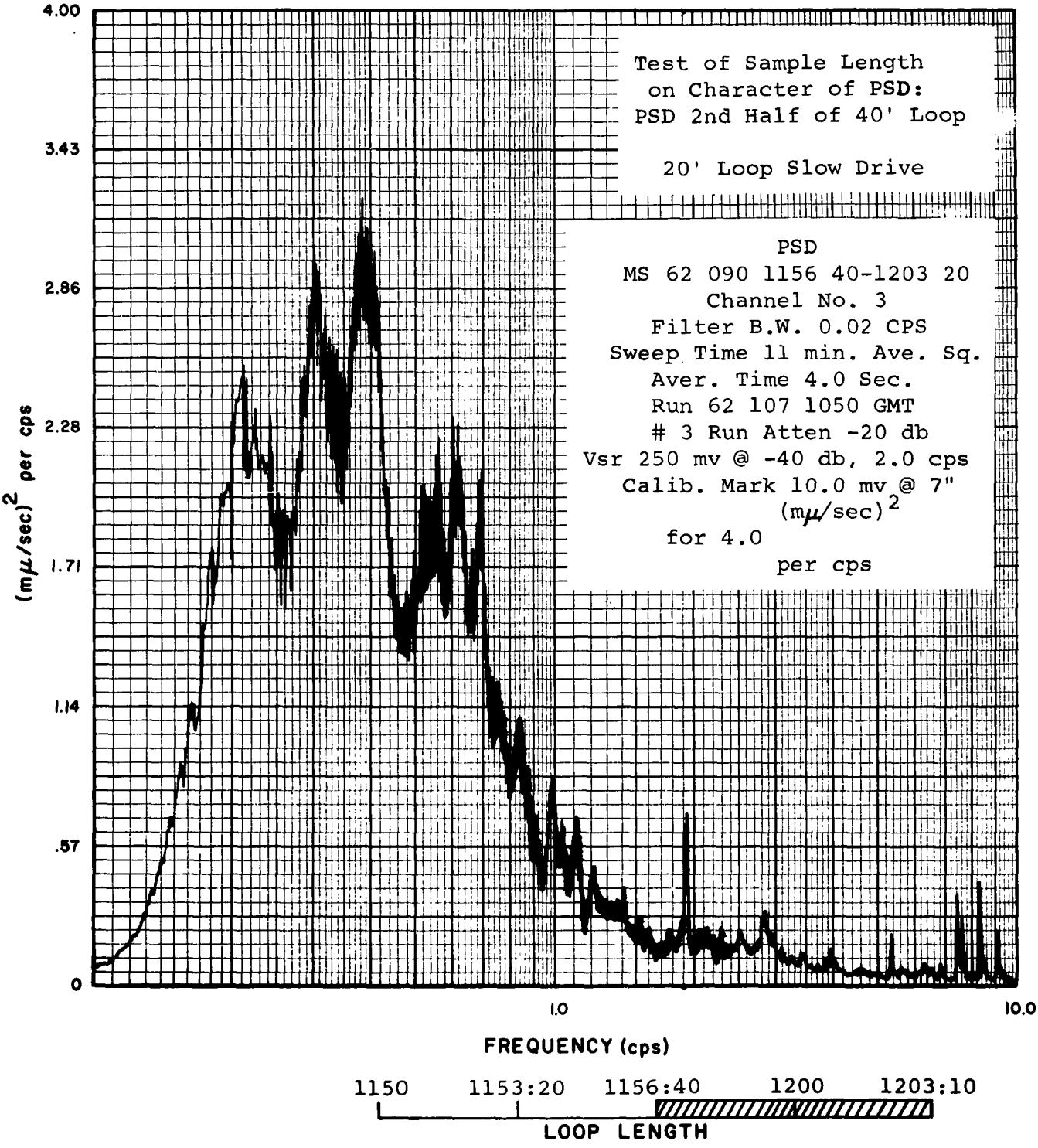

Test of Sample Length
on Character of PSD:
PSD 2nd Half of 40' Loop
20' Loop Slow Drive
PSD
MS 62 090 1156 40-1203 20
Channel No. 3
Filter B.W. 0.02 CPS
Sweep Time 11 min. Ave. Sq.
Aver. Time 4.0 Sec.
Run 62 107 1050 GMT
3 Run Atten -20 db
Vsr 250 mv @ -40 db, 2.0 cps
Calib. Mark 10.0 mv @ 7"
(mμ/sec)²
for 4.0
per cps
4.00
3.43
2.86
2.28
1.71
1.14
.57
0
(mμ/sec)² per cps
1.0
10.0
FREQUENCY (cps)
1150
1153:20
1156:40
1200
1203:10
LOOP LENGTH

Figure 6.10.3

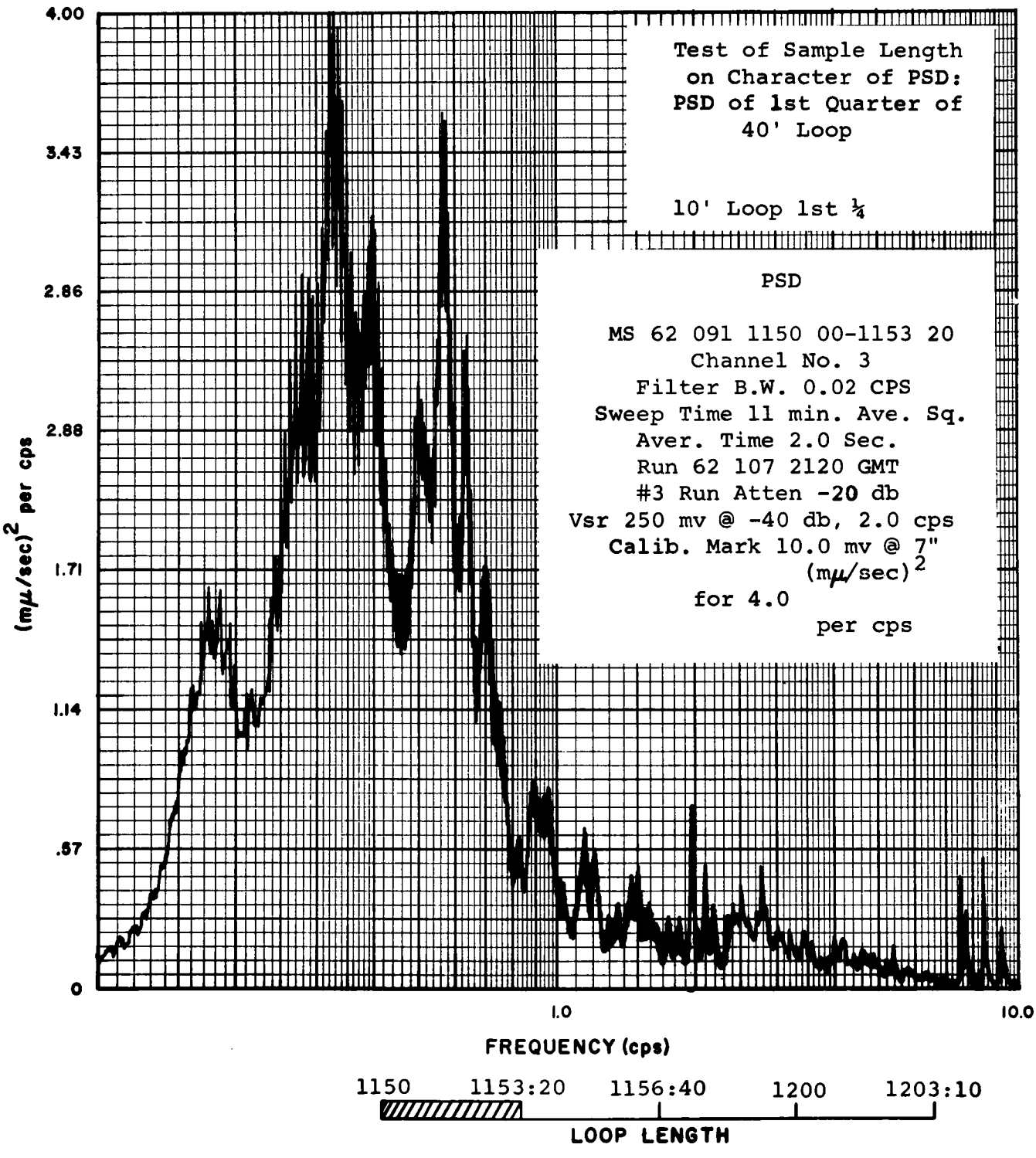

Test of Sample Length on Character of PSD: PSD of 1st Quarter of 40' Loop
10' Loop 1st ¼
PSD
MS 62 091 1150 00-1153 20
Channel No. 3
Filter B.W. 0.02 CPS
Sweep Time 11 min. Ave. Sq.
Aver. Time 2.0 Sec.
Run 62 107 2120 GMT
#3 Run Atten -20 db
Vsr 250 mv @ -40 db, 2.0 cps
Calib. Mark 10.0 mv @ 7"
(mμ/sec)2
for 4.0
per cps
4.00
3.43
2.86
2.88
1.71
1.14
.57
0
(mμ/sec)2 per cps
1.0
10.0
FREQUENCY (cps)
1150
1153:20
1156:40
1200
1203:10
LOOP LENGTH

Figure 6.10.4

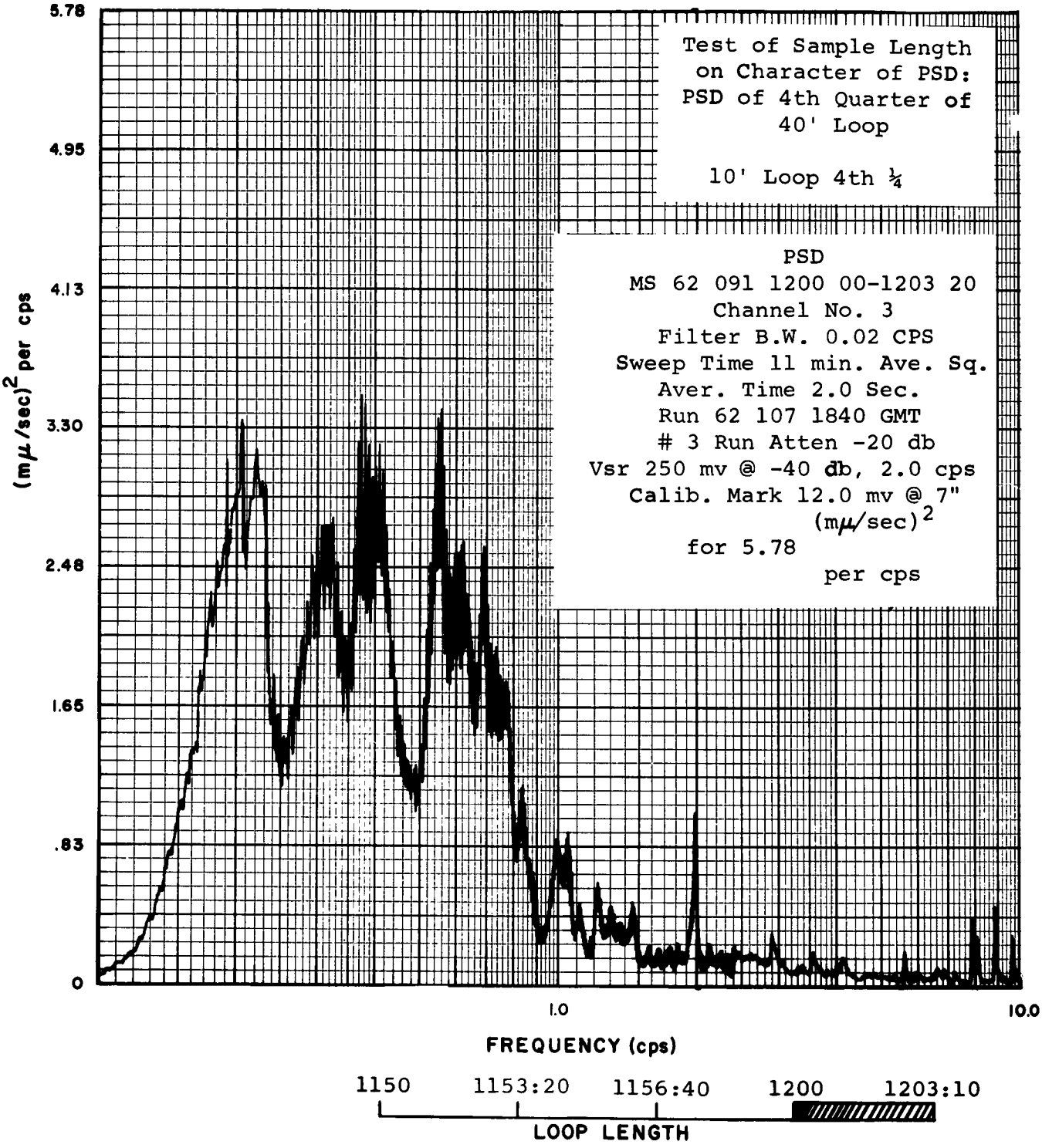

Test of Sample Length on Character of PSD: PSD of 4th Quarter of 40' Loop
10' Loop 4th ¼
PSD
MS 62 091 1200 00-1203 20
Channel No. 3
Filter B.W. 0.02 CPS
Sweep Time 11 min. Ave. Sq.
Aver. Time 2.0 Sec.
Run 62 107 1840 GMT
3 Run Atten -20 db
Vsr 250 mv @ -40 db, 2.0 cps
Calib. Mark 12.0 mv @ 7"
(mμ/sec)²
for 5.78
per cps
5.78
4.95
4.13
3.30
2.48
1.65
.83
0
(mμ/sec)² per cps
1.0
10.0
FREQUENCY (cps)
1150
1153:20
1156:40
1200
1203:10
LOOP LENGTH

Figure 6.10.5

6.11 Noise Source Direction Plots

Figures 6.11.1 through 6.11.31 are polar plots of noise source direction against noise frequency, noise source azimuth vs. number of observations, and noise source azimuth vs. date of observations as discussed in Section 4.1.3.2 for data from the Pacific Northwest.

Figures 6.11.32 and 6.11.33 are linear plots of maximum phase shift (absolute value in degrees) against frequency in cps, showing range of values as discussed in Section 4.1.3.3.

Figures 6.11.34 through 6.11.37 and plots of maximum and minimum noise coherency against frequency in cps, supplementing the data discussed in Section 1.1.2.

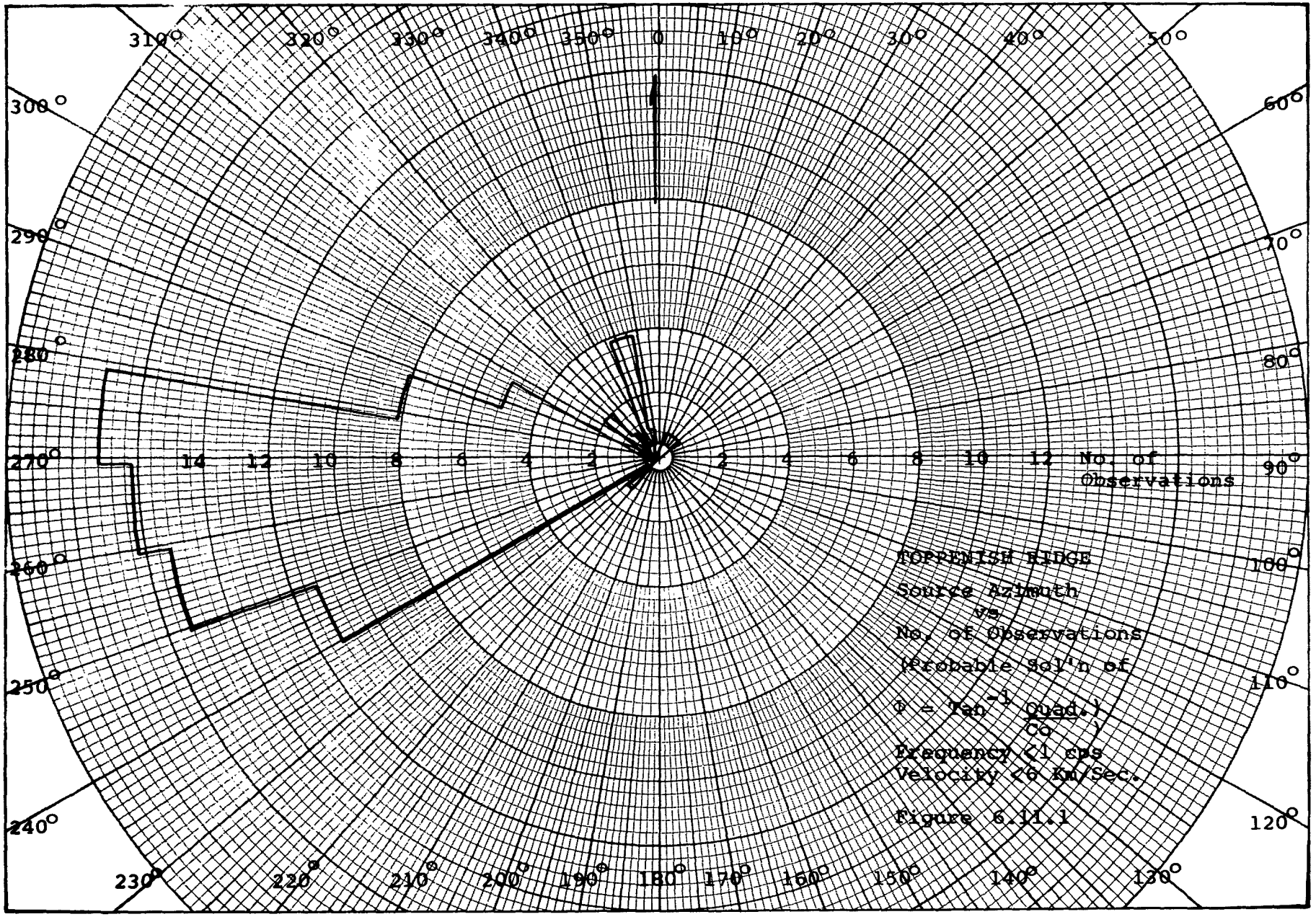

310°
320°
330°
340°
350°
0
10°
20°
30°
40°
50°
60°
70°
80°
90°
100°
110°
120°
130°
140°
150°
160°
170°
180°
190°
200°
210°
220°
230°
240°
250°
260°
270°
280°
290°
300°
14
12
10
8
6
4
2
2
4
6
8
10
12
No. of Observations
TOPPENISH RIDGE
Source Azimuth
vs
No. of Observations
(Probable Sol'n of
Φ = Tan⁻¹ (Quad.)
Co)
Frequency <1 cps
Velocity <6 Km/Sec.

Figure 6.11.1

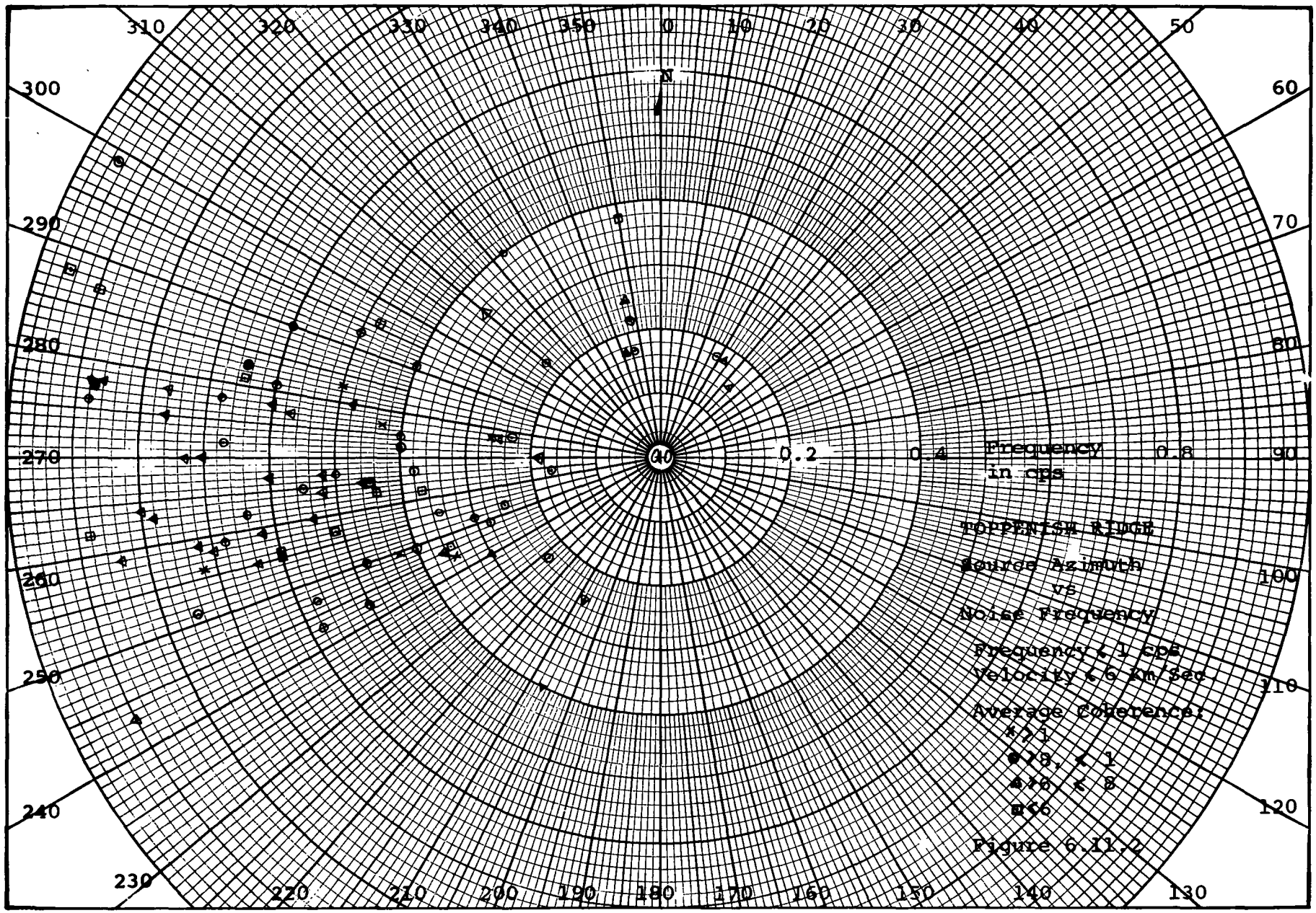

N
0
10
20
30
40
50
60
70
80
90
100
110
120
130
140
150
160
170
180
190
200
210
220
230
240
250
260
270
280
290
300
310
320
330
340
350
0.2
0.4
0.8
Frequency
in cps
TOPPENISH RIDGE
Source Azimuth
vs
Noise Frequency
Frequency < 1 cps
Velocity < 6 km/sec
Average Coherence:
*.71
●.78, < 1
▲.86, < 8
■.96

Figure 6.II.2

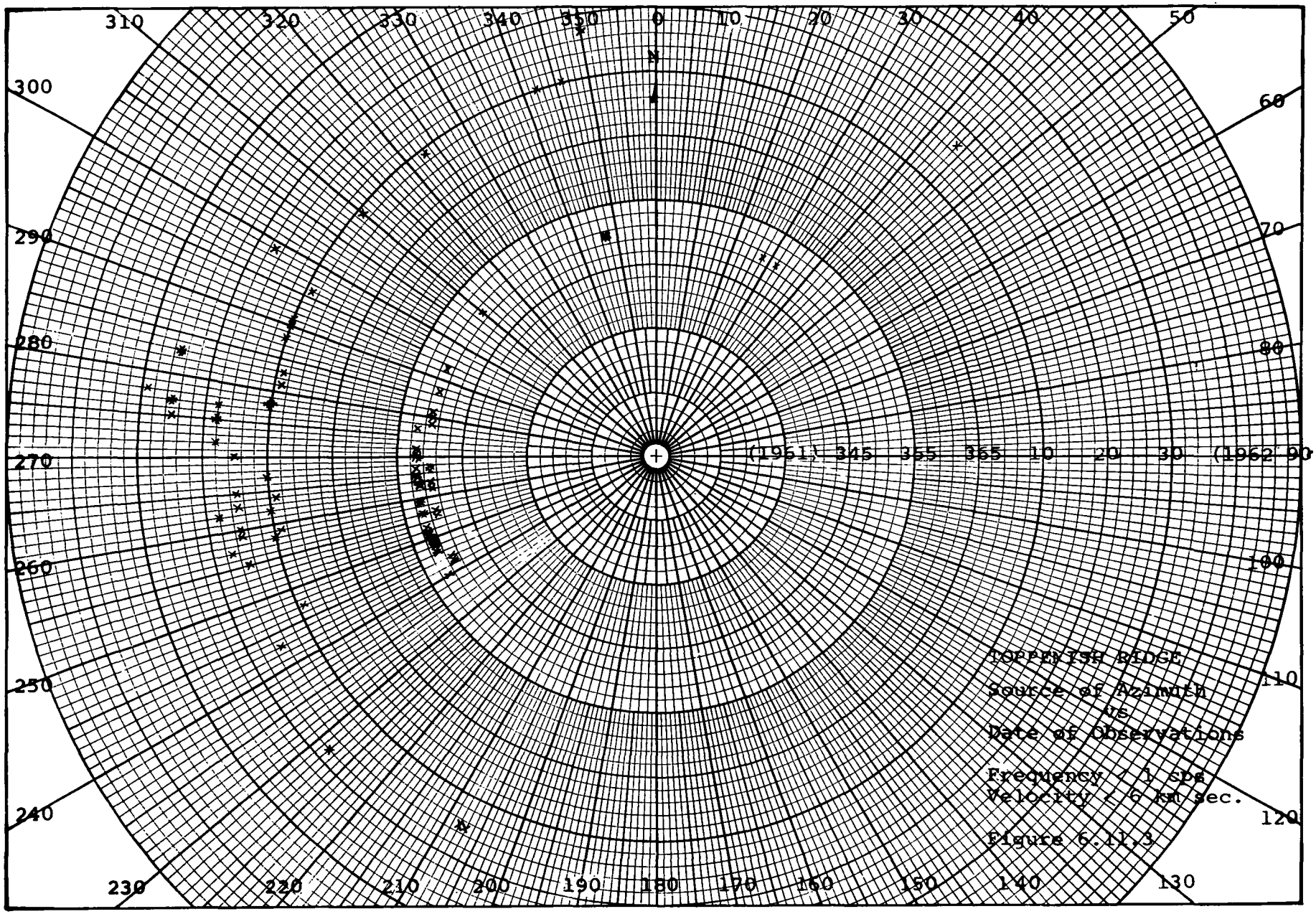
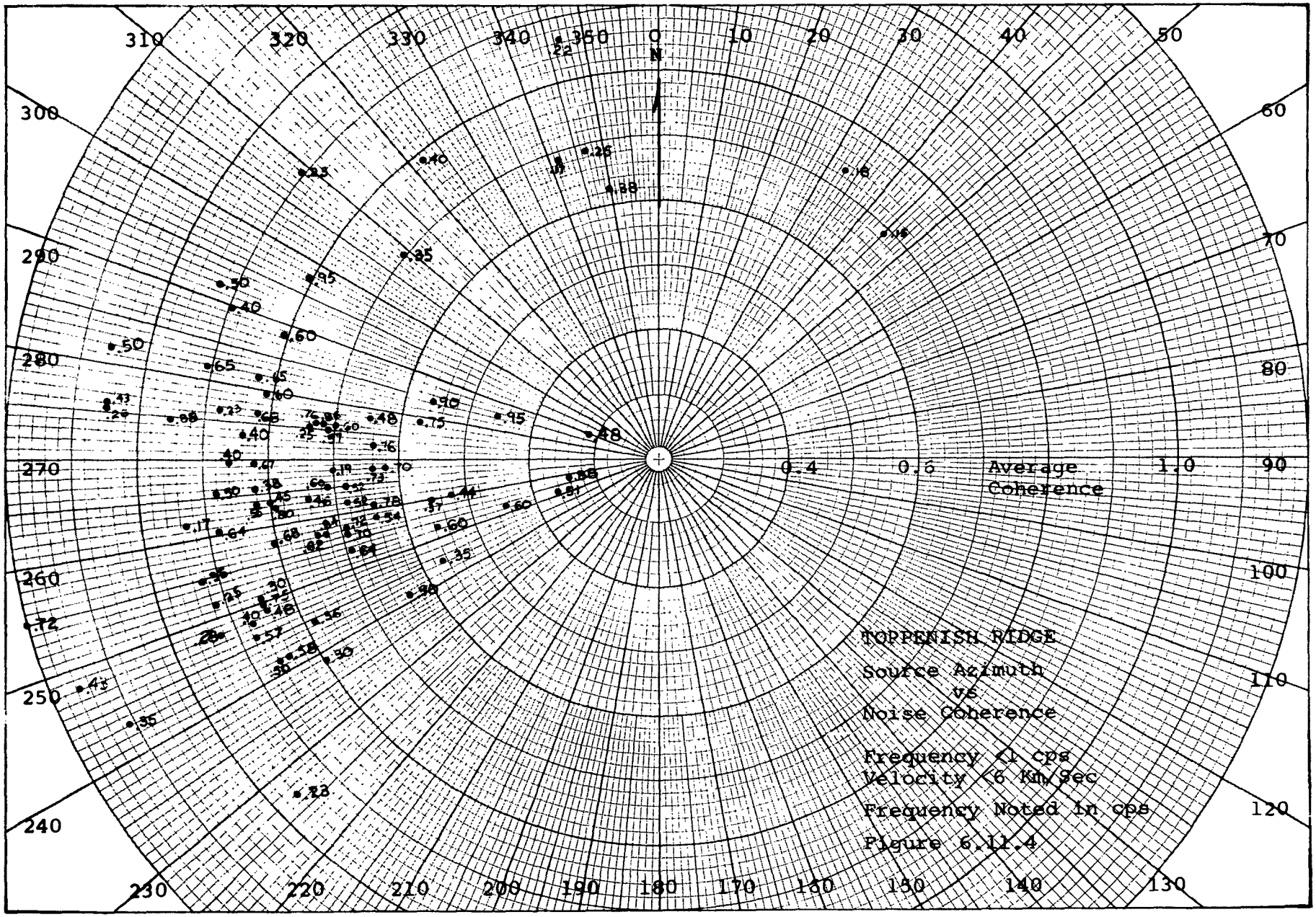

310
320
330
340
350
0
10
20
30
40
50
300
60
290
70
280
80
270
(1961) 345
355
365
10
20
30
(1962) 90
260
100
250
110
240
120
230
220
210
200
190
180
170
160
150
140
130
N
Toppenish RIDGE
Source of Azimuth
vs.
Date of Observations
Frequency - 1 cps
Velocity - 6 km/sec.

Figure 6.11.3


0.4
0.6
Average
Coherence
1.0
TOPPENISH RIDGE
Source Azimuth
vs
Noise Coherence
Frequency <1 cps
Velocity <6 Km/Sec
Frequency Noted in cps
Figure 6.11.4

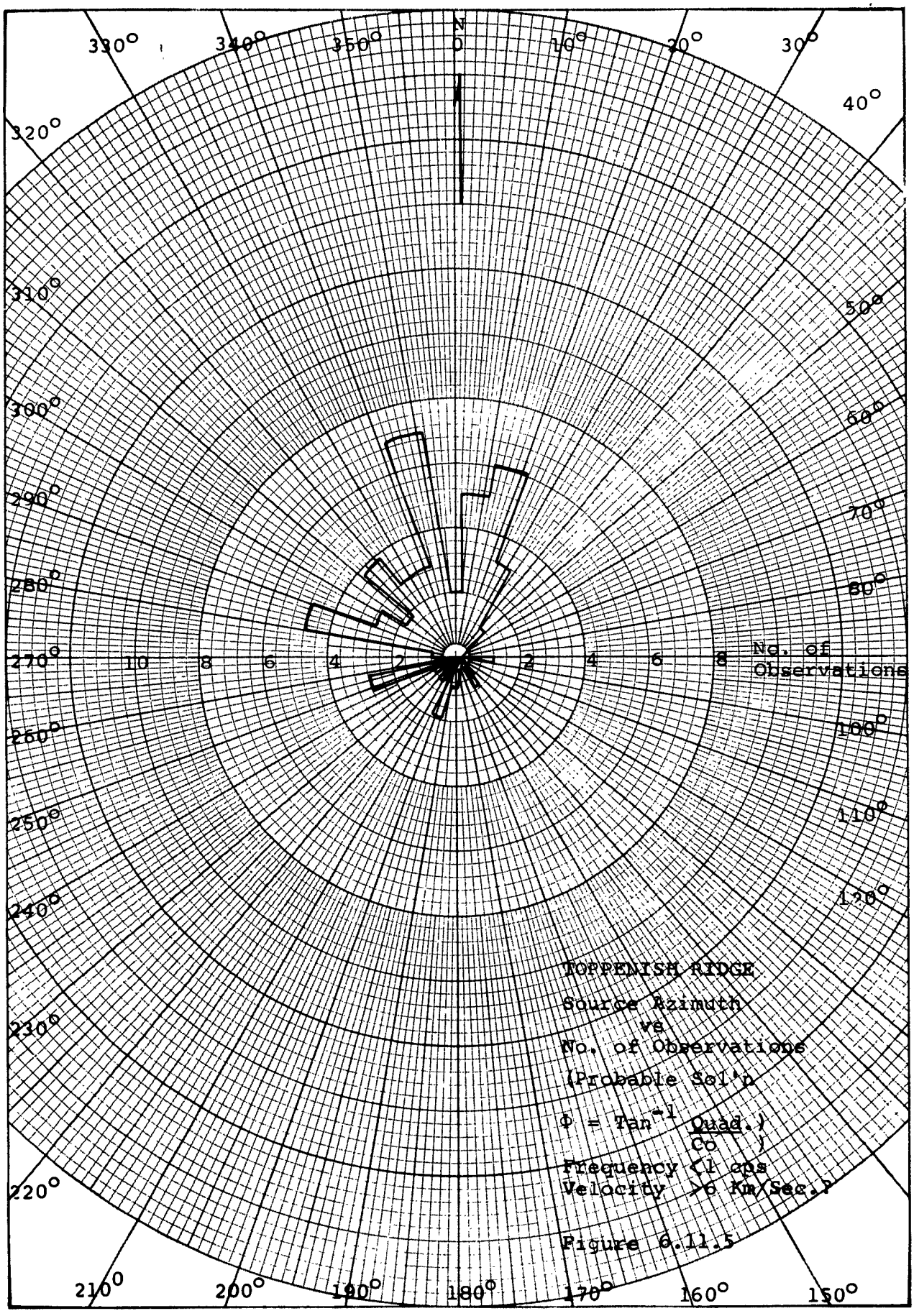

N
0
10°
20°
30°
40°
50°
60°
70°
80°
90°
100°
110°
120°
130°
140°
150°
160°
170°
180°
190°
200°
210°
220°
230°
240°
250°
260°
270°
280°
290°
300°
310°
320°
330°
340°
350°
10
8
6
4
2
2
4
6
8
No. of Observations
TOPPENISH RIDGE
Source Azimuth
vs
No. of Observations
(Probable Sol'n
Φ = Tan⁻¹ Quad.)
Co)
Frequency <1 cps
Velocity >6 Km/Sec.)

Figure 6.11.5

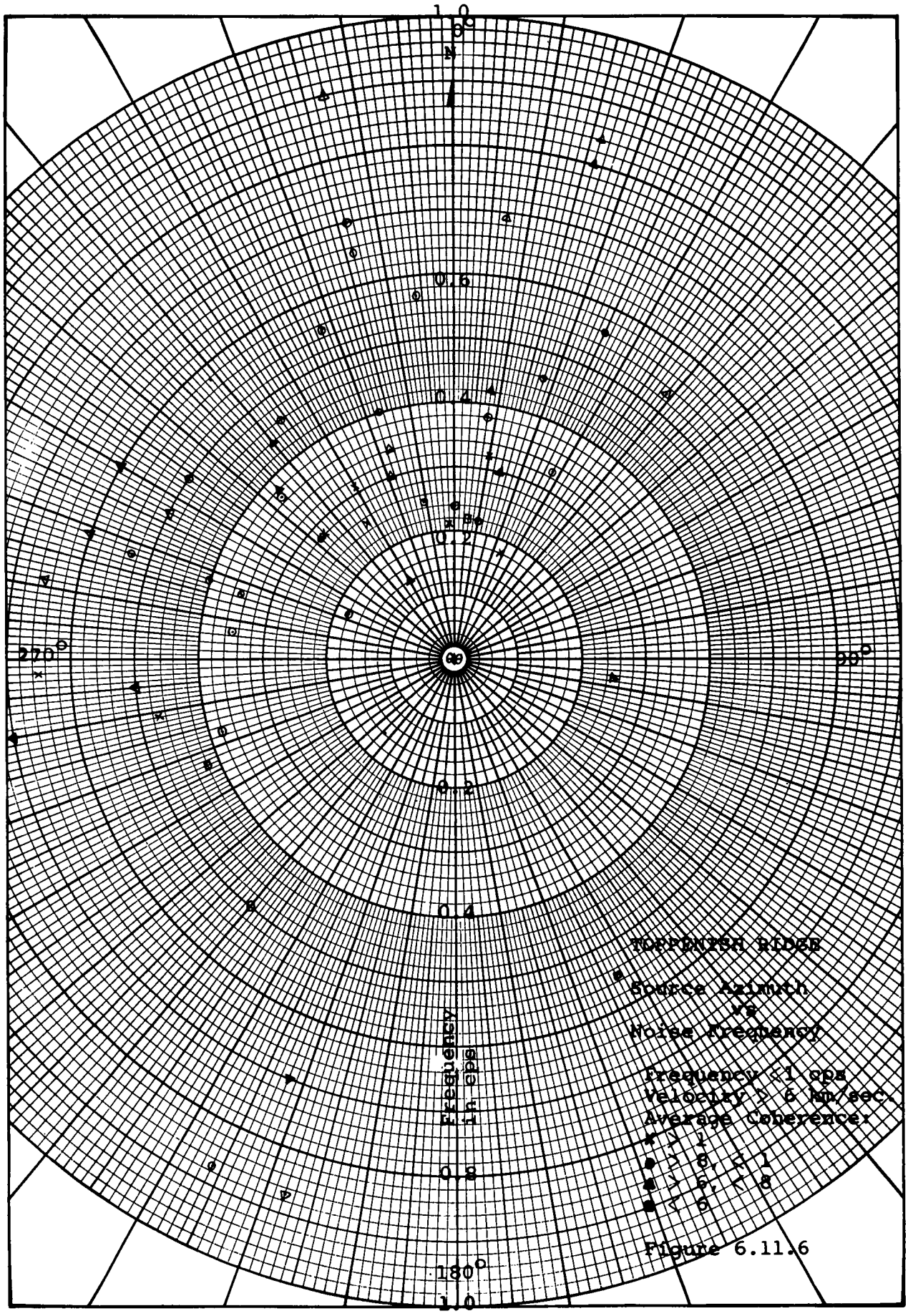
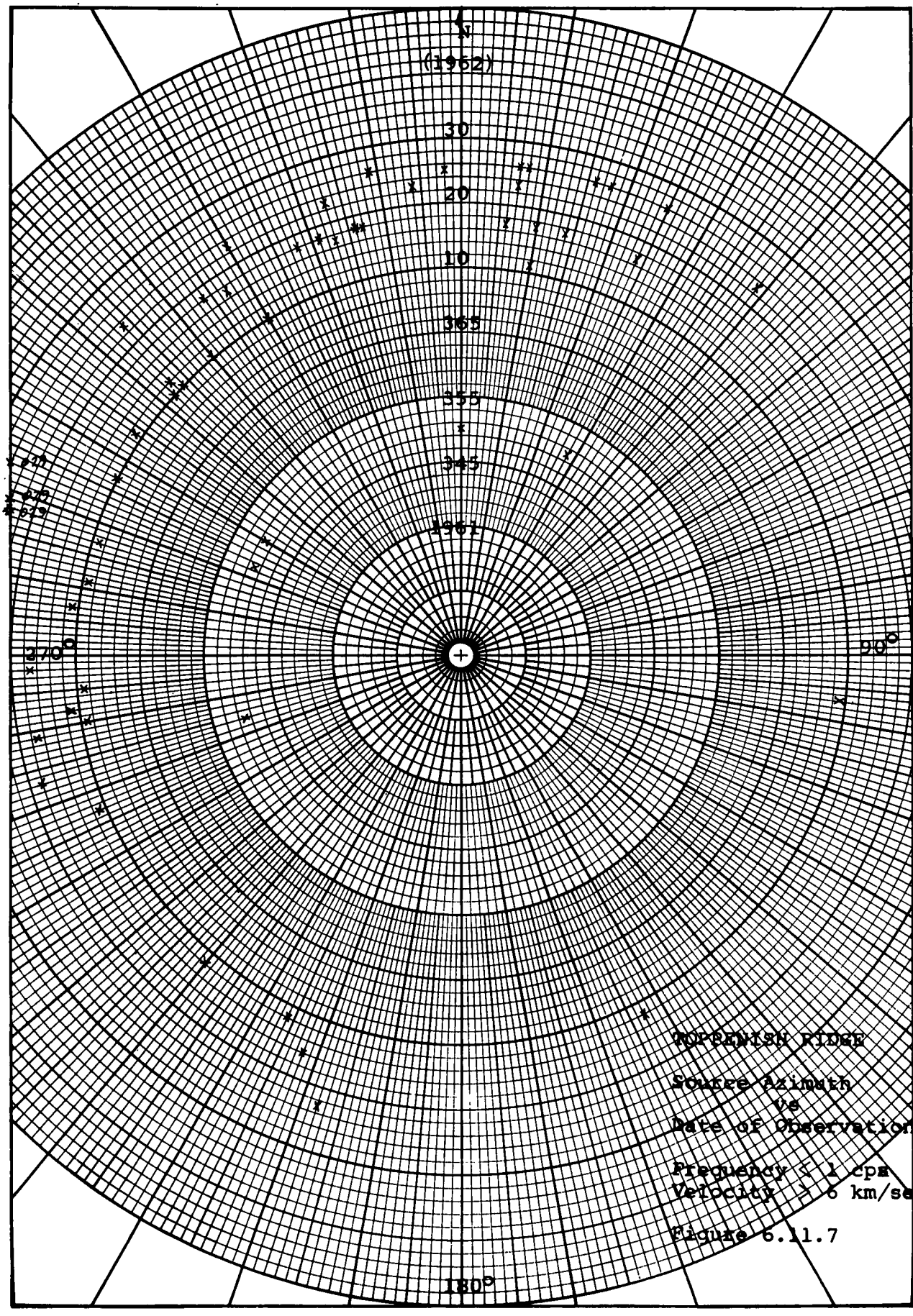

1.0
0.8
0.6
0.4
0.2
0.2
0.4
0.8
1.0
90°
180°
270°
Frequency in cps
TORRENTSH RIDGE
Source Azimuth
vs.
Noise Frequency
Frequency < 1 cps
Velocity > 6 km/sec.
Average Coherence:
> .1
> .6, < .1
> .6, < .8
< .6

Figure 6.11.6



MOHNIAN RIDGE

Source Azimuth
vs
Date of Observation

Frequency ≤ 1 cps
Velocity ≥ 6 km/sec

Figure 6.11.7

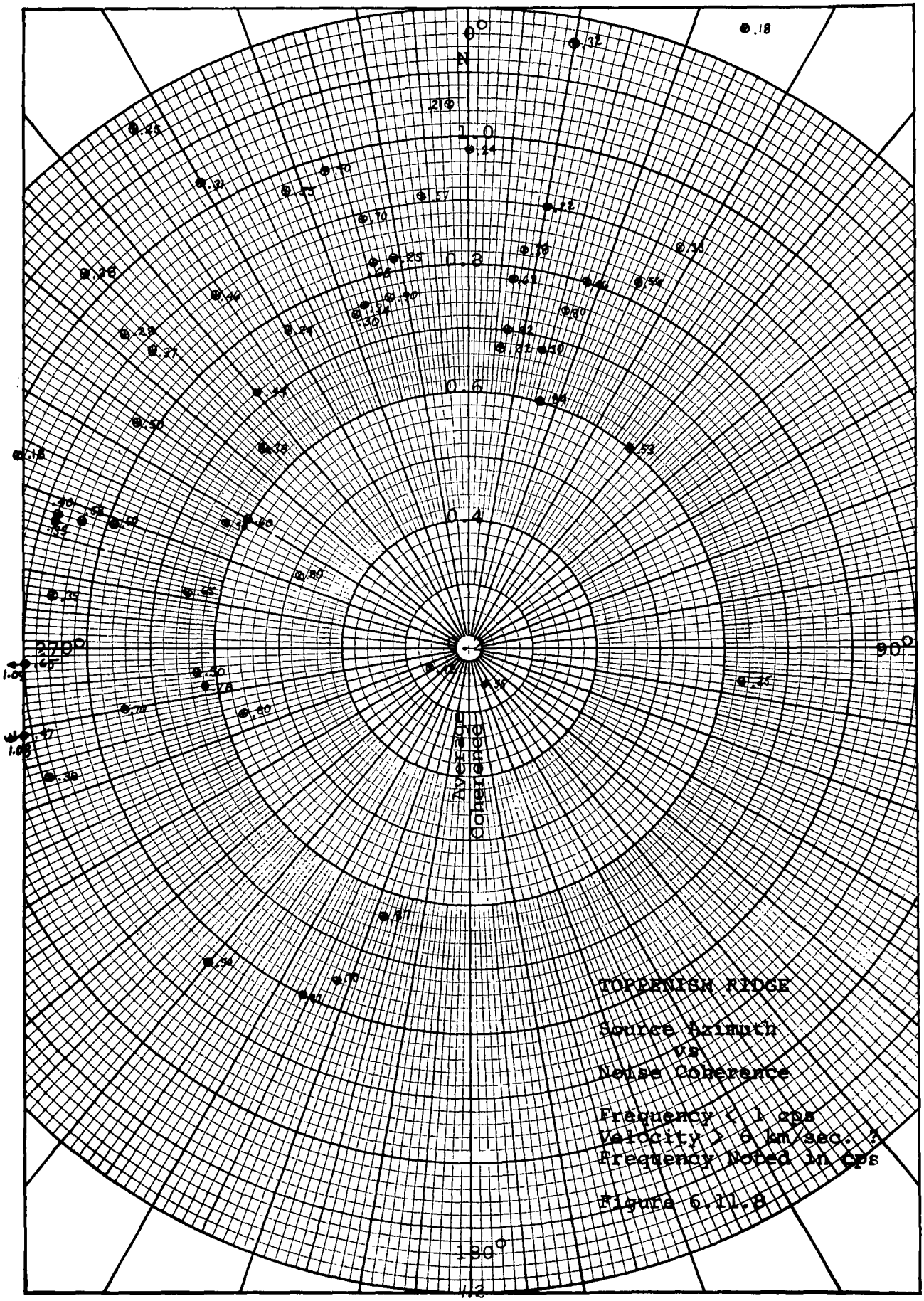
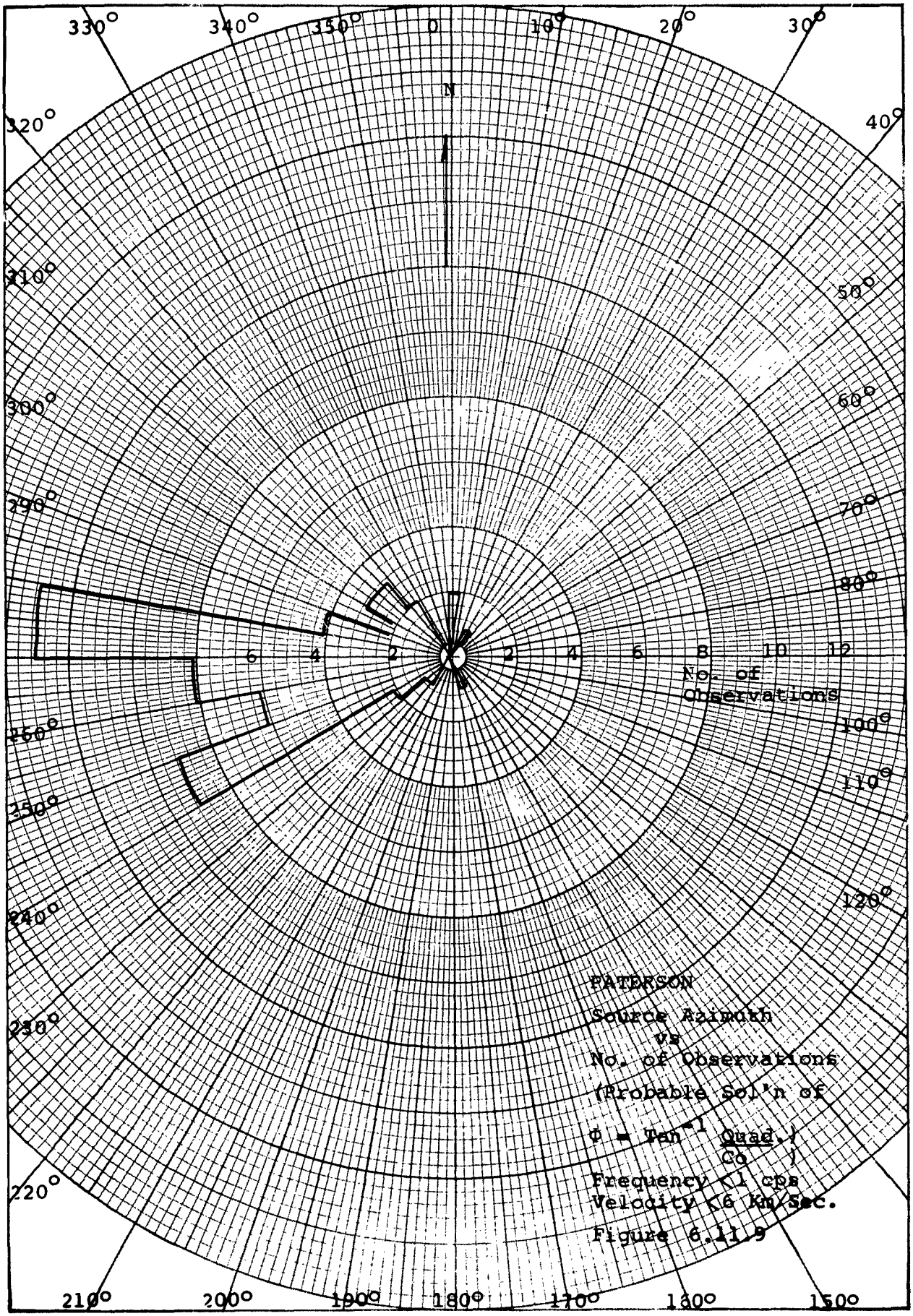

0°
N
90°
180°
270°
0.2
0.4
0.6
0.8
1.0
Average Coherence
TOPPENISH RIDGE
Source Azimuth
vs
Noise Coherence
Frequency < 1 cps
Velocity > 6 km/sec.
Frequency Noted in cps

Figure 6.11-8


N
0
10°
20°
30°
40°
50°
60°
70°
80°
90°
100°
110°
120°
130°
140°
150°
160°
170°
180°
190°
200°
210°
220°
230°
240°
250°
260°
270°
280°
290°
300°
310°
320°
330°
340°
350°
2
4
6
8
10
12
No. of
Observations
PATERSON
Source Azimuth
vs
No. of Observations
(Probable Sol'n of
Φ = Tan⁻¹ Quad.
Co)
Frequency <1 cps
Velocity <6 Km/Sec.
Figure 6.11.9

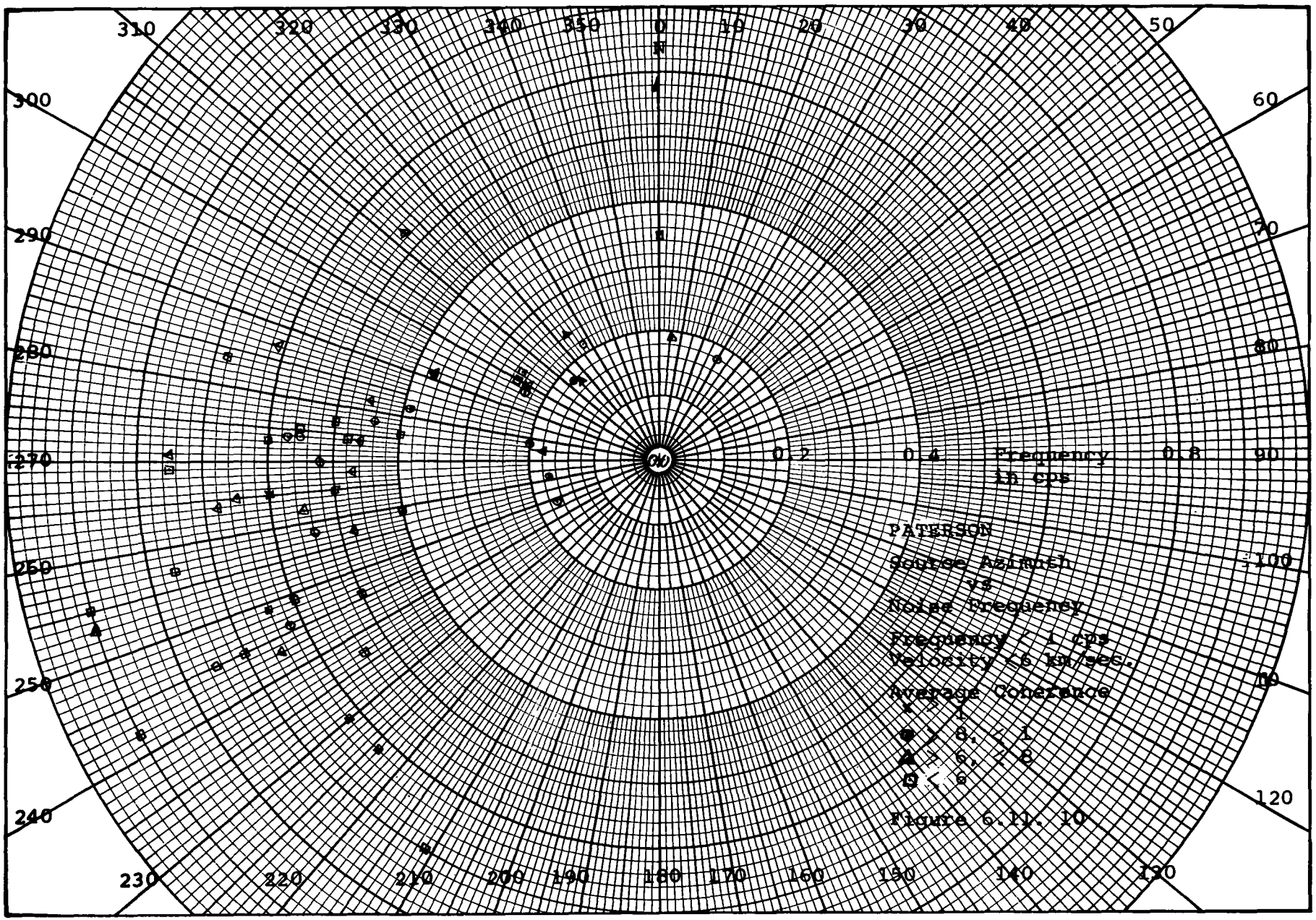
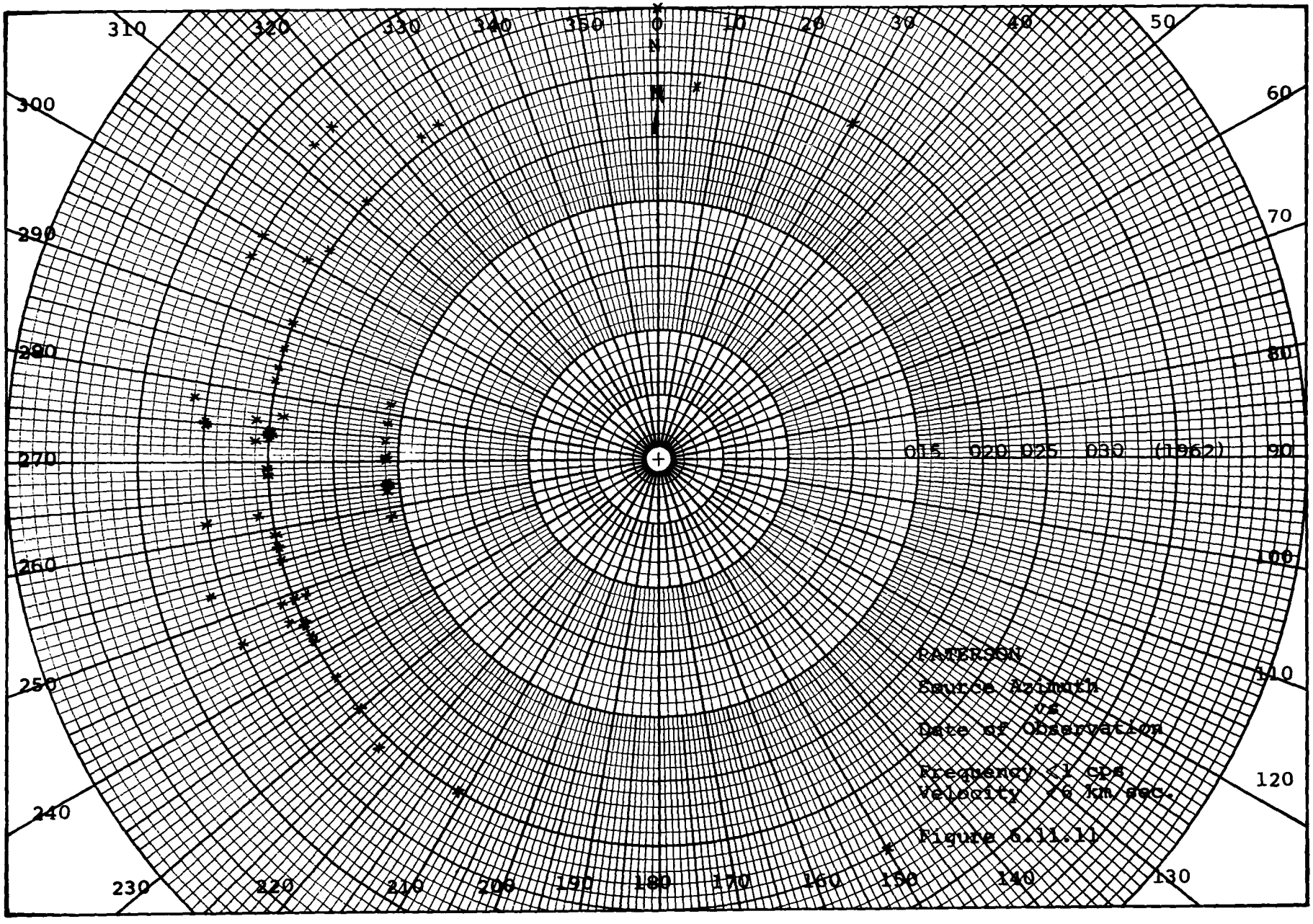


Figure 6.11. 10


0
10
20
30
40
50
60
70
80
90
100
110
120
130
140
150
160
170
180
190
200
210
220
230
240
250
260
270
280
290
300
310
320
330
340
350
N
015 020 025 030 (1962)
PATERSON
Source Azimuth
of
Date of Observation
Frequency 1 cps
Velocity 6 km sec-
Figure 6.11.11

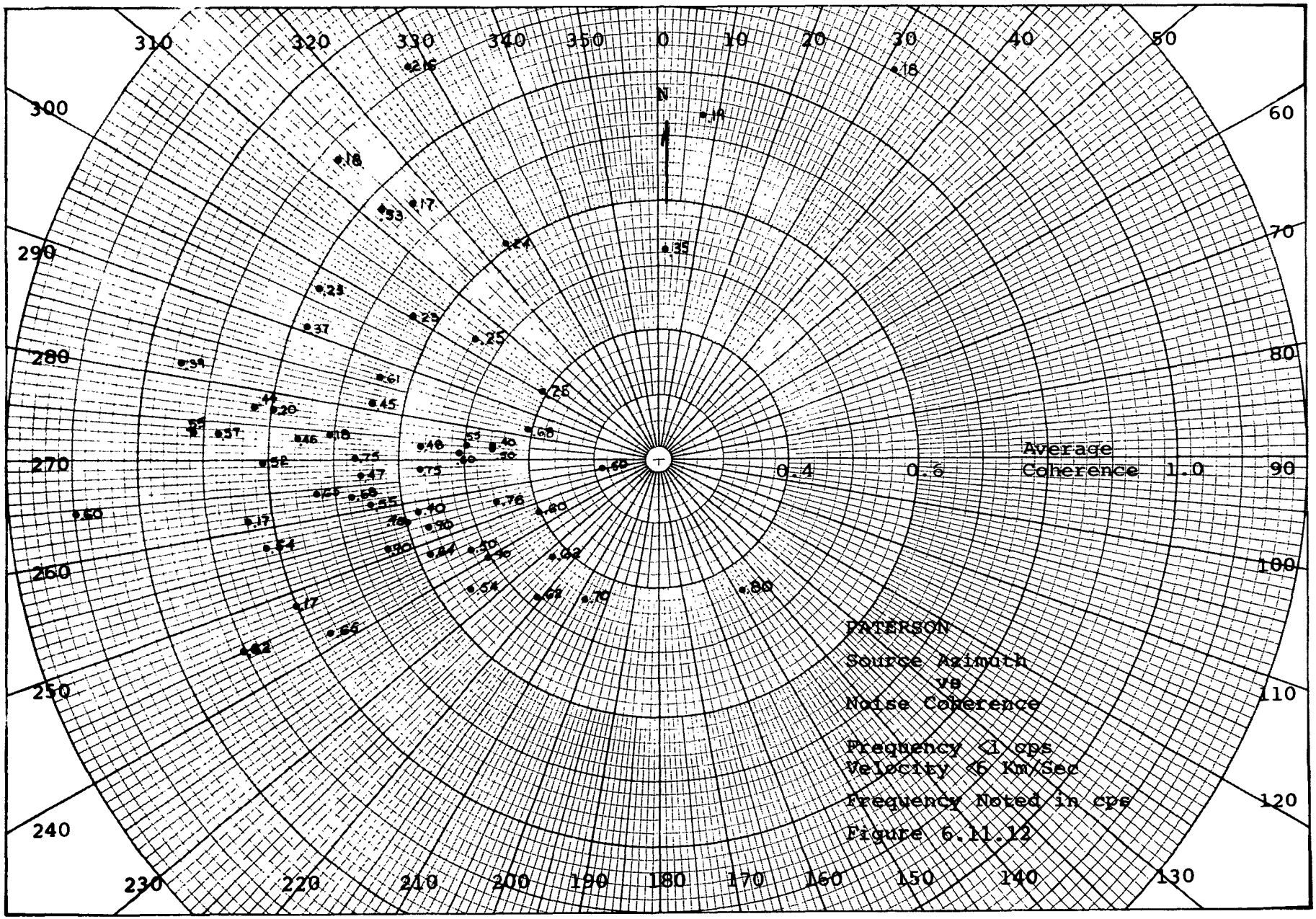


Figure 6.11.12

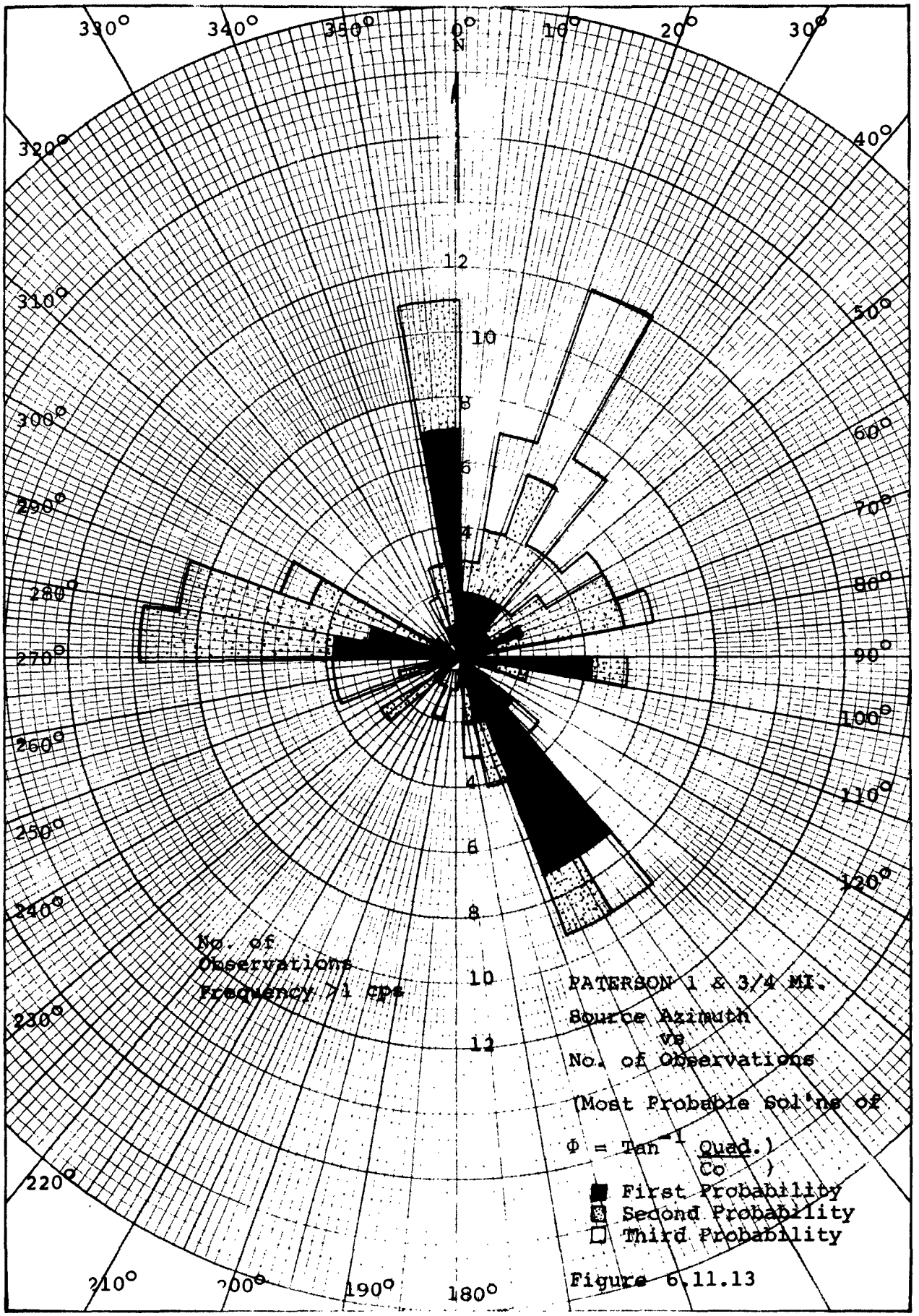
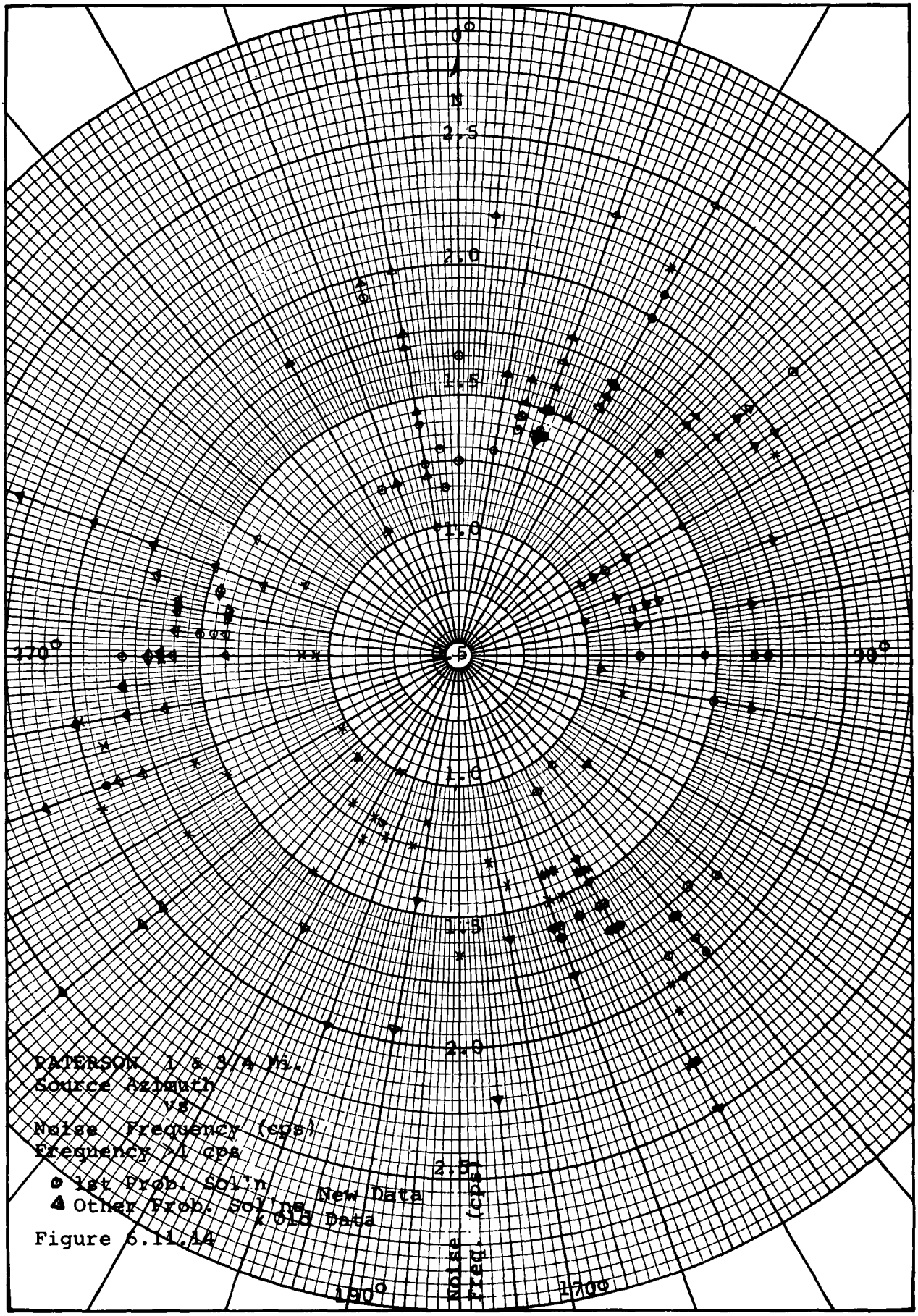
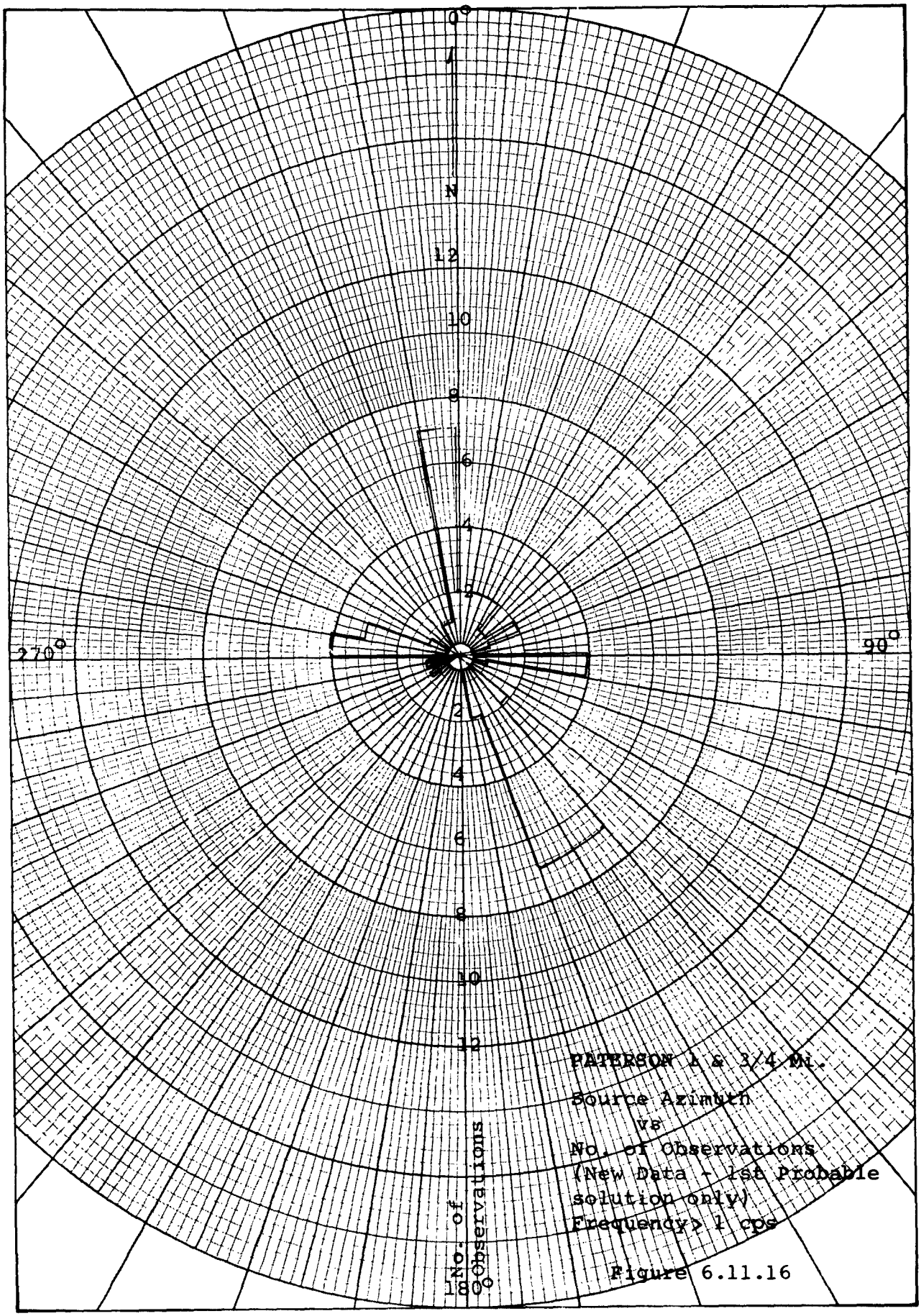


Figure 6.11.13



PATERSON 1 & 3/4 Mi.
Source Azimuth
vs
Noise Frequency (cps)
Frequency >1 cps
⊙ 1st Prob. Soln. New Data
▲ Other Prob. Solns. Old Data

Figure 6.11.14



PATERSON 1 & 3/4 Mi.

Source Azimuth

vs

No. of Observations

(New Data - 1st Probable solution only)

Frequency> 1 cps

Figure 6.11.16

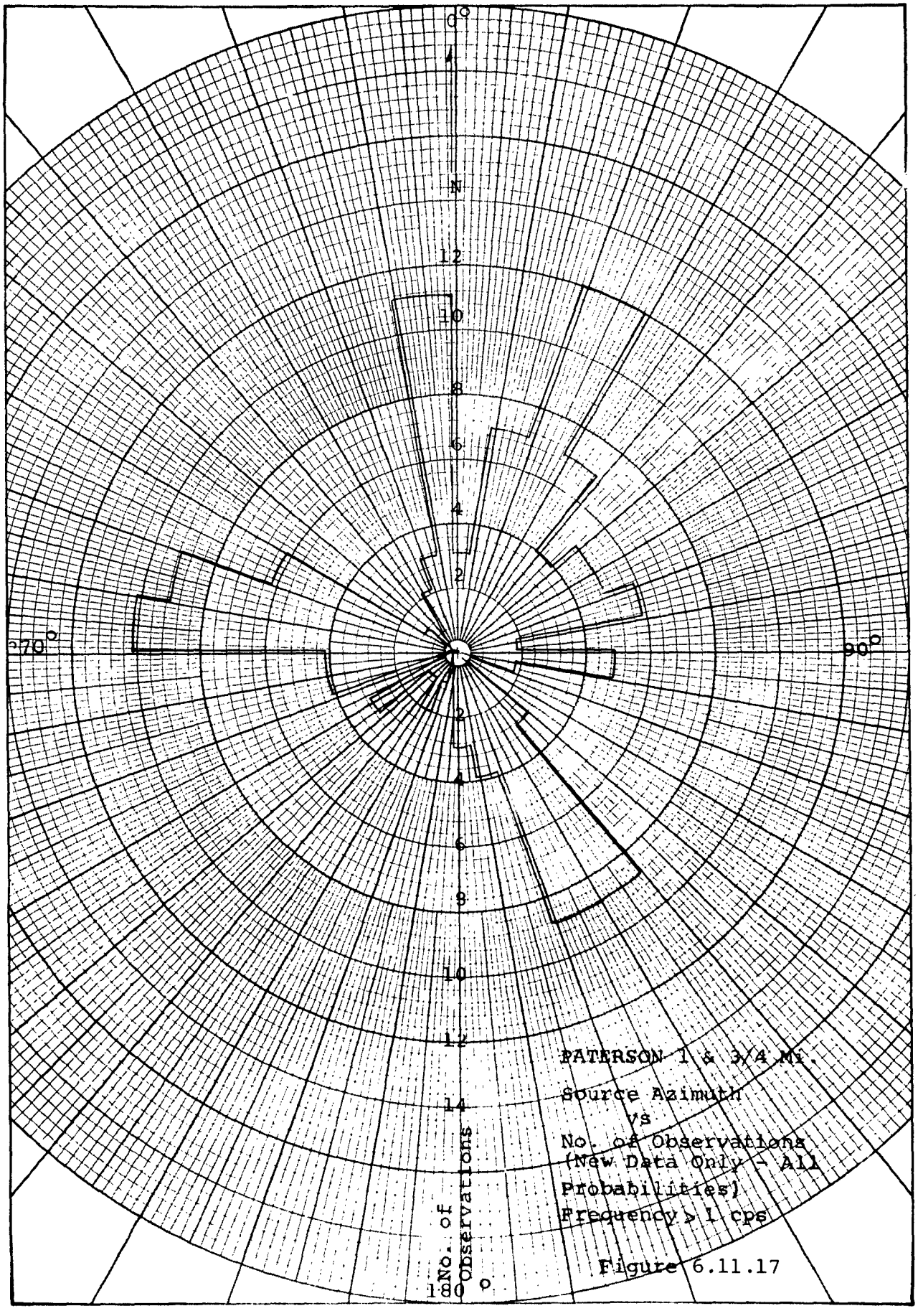


Figure 6.11.17

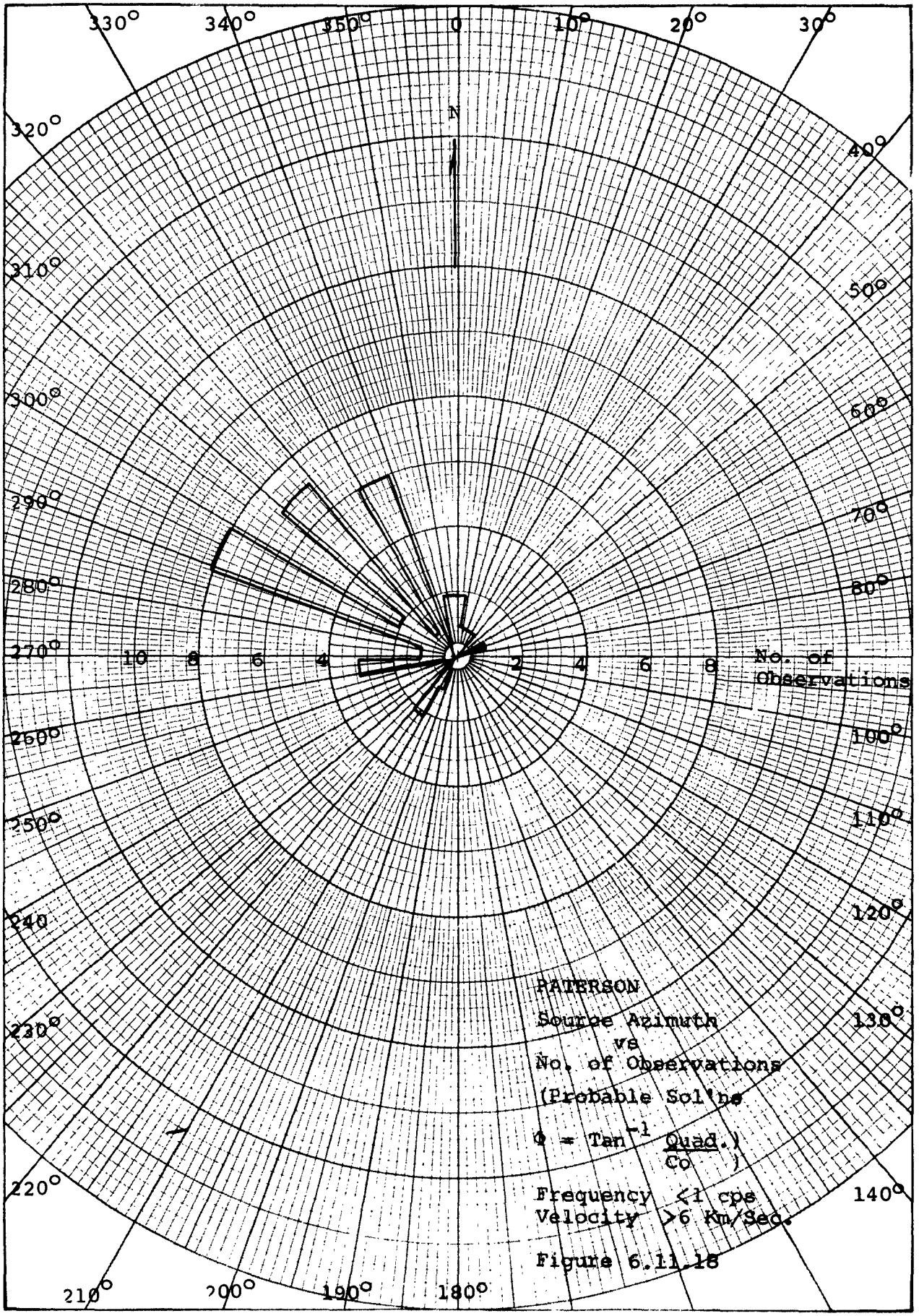


Figure 6.11.18

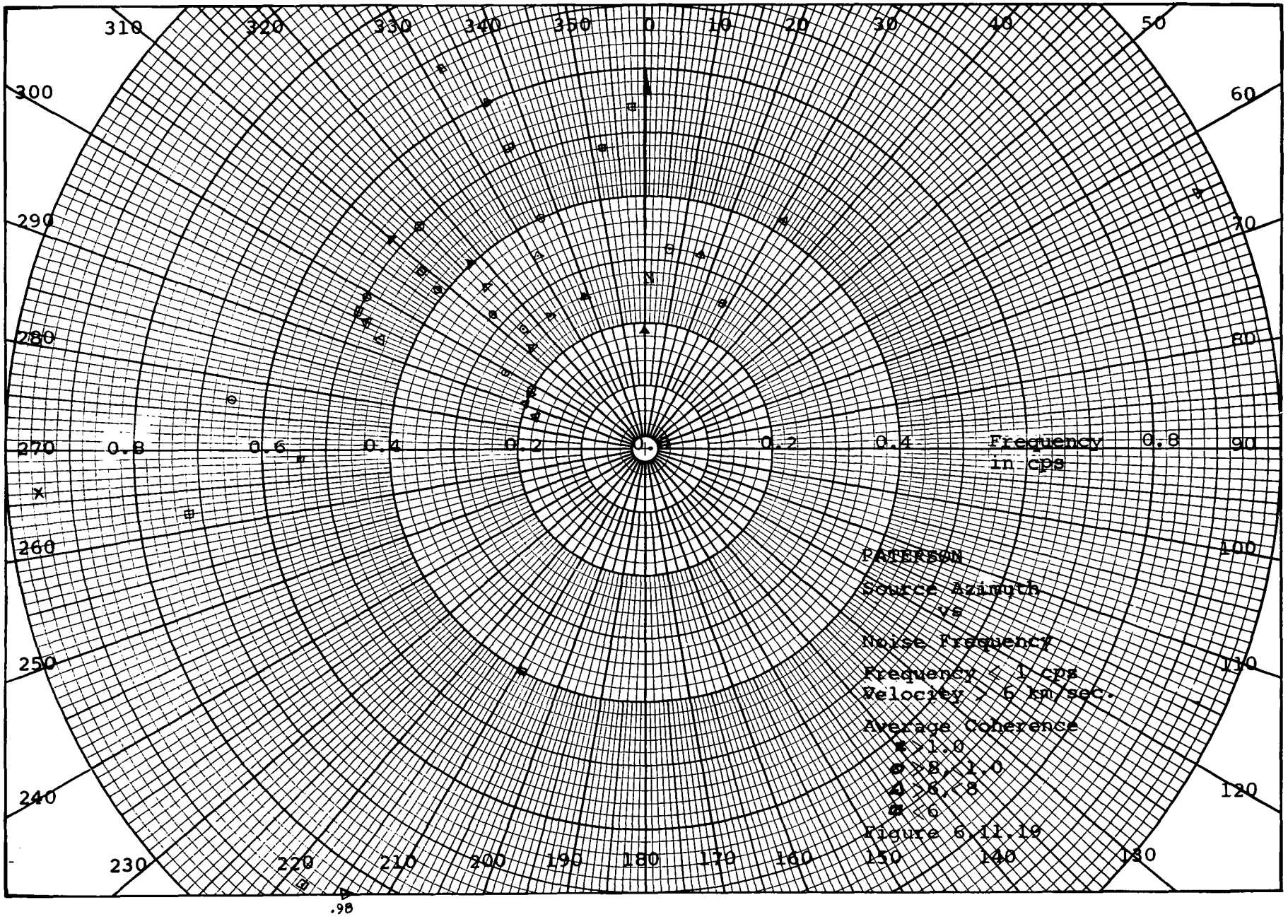
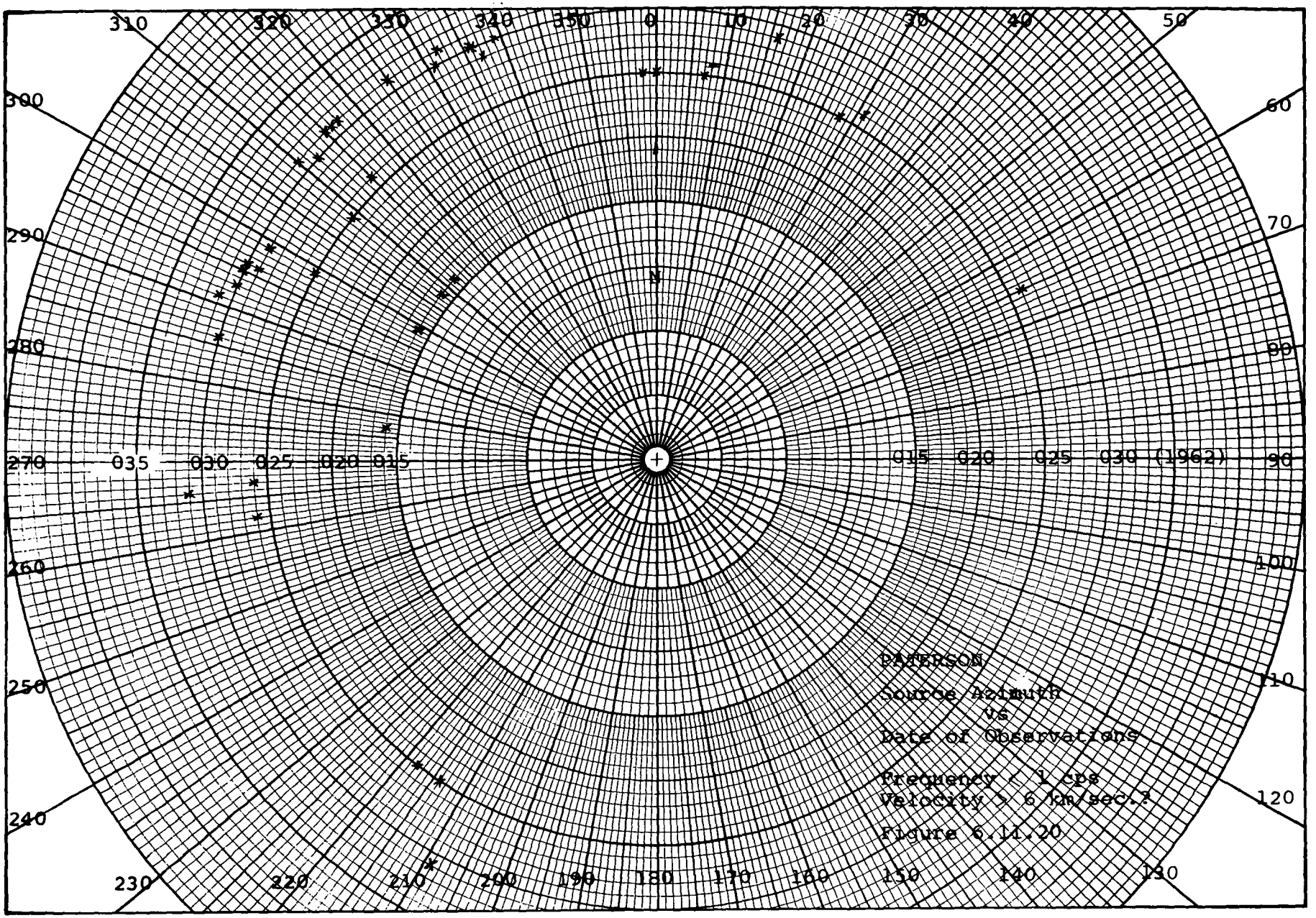
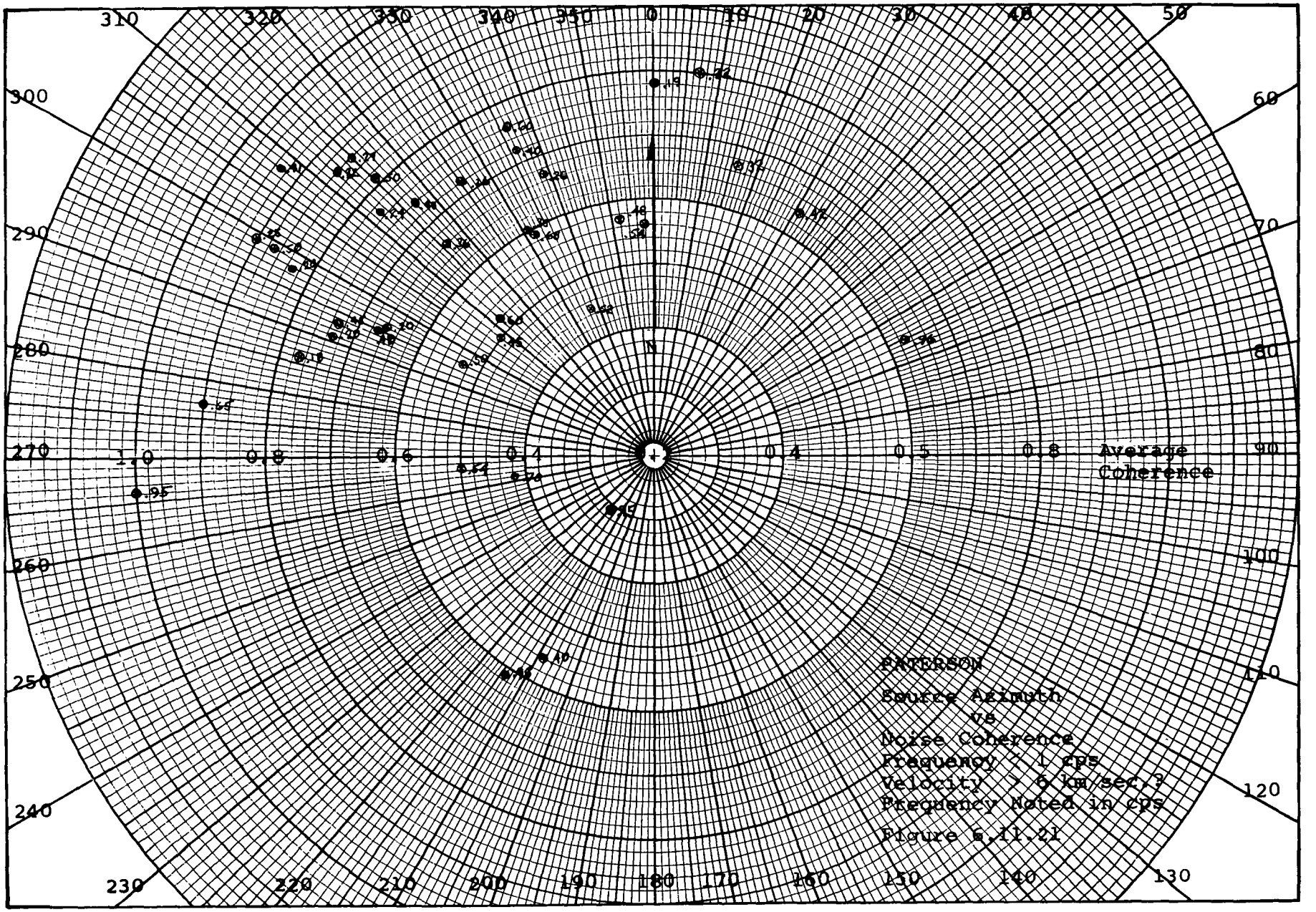
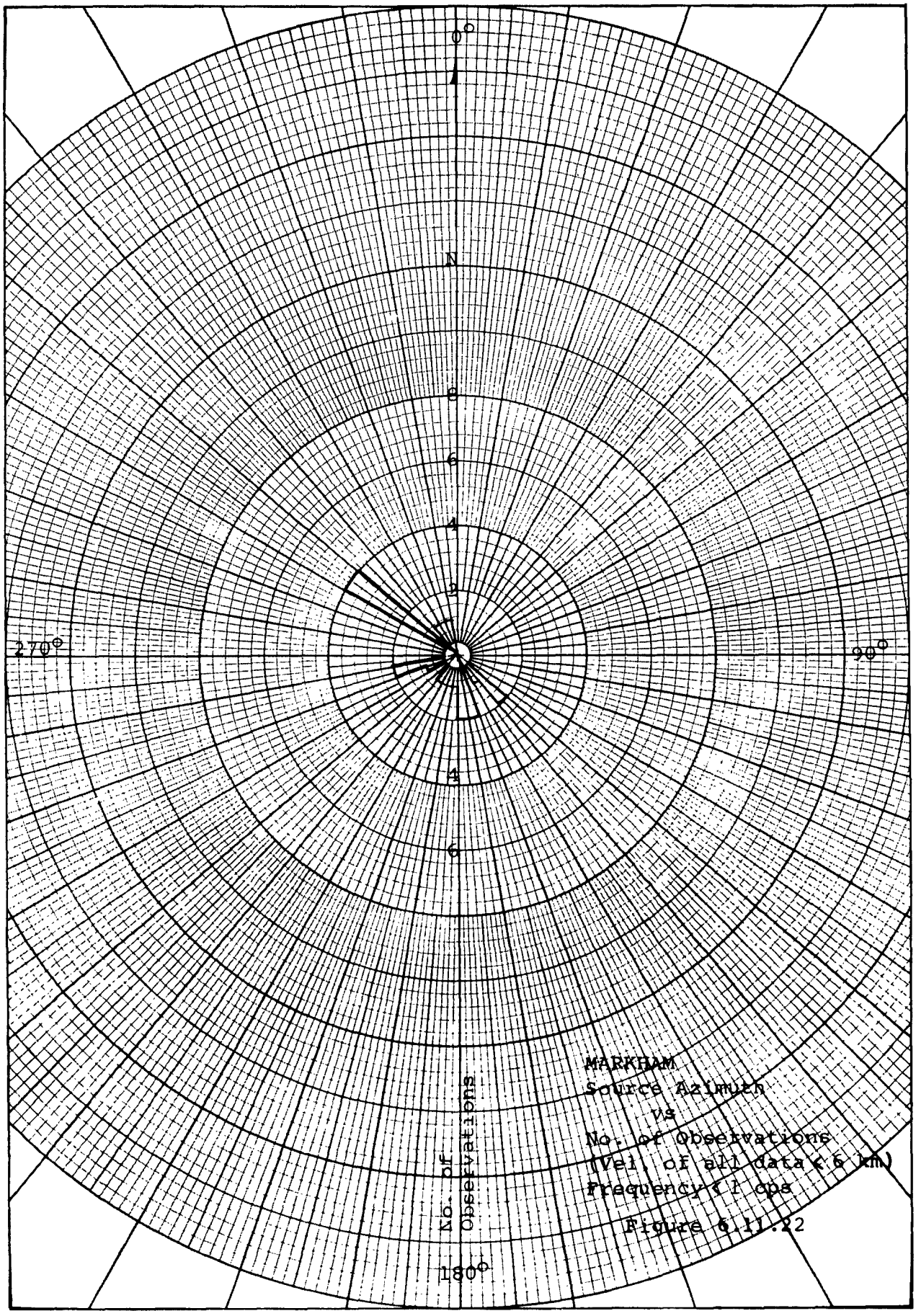


Figure 6.11.19


310
320
330
340
350
0
10
20
30
40
50
300
60
290
70
N
280
80
270
035
030
025
020
015
015
020
025
030
(1962)
90
260
100
250
110
240
120
230
220
210
200
190
180
170
160
150
140
130
PATERSON
Source Azimuth
vs
Date of Observations
Frequency < 1 cps
Velocity > 6 km/sec.?
Figure 6.11.20.


PATERSON
Source Azimuth
vs
Noise Coherence
Frequency > 1 cps
Velocity > 6 km/sec.?
Frequency Noted in cps
Figure 6.11.21
Average
Coherence
N



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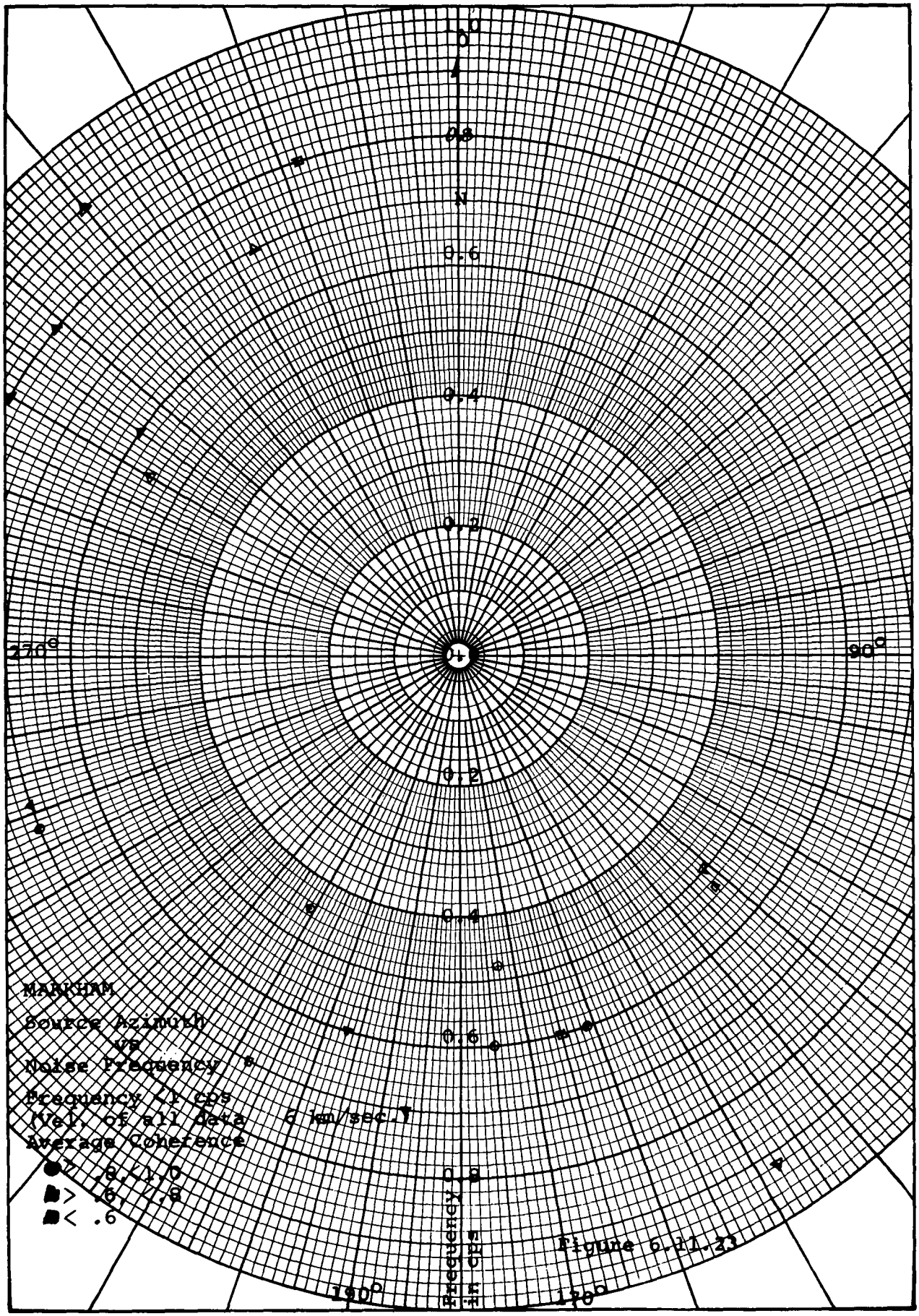

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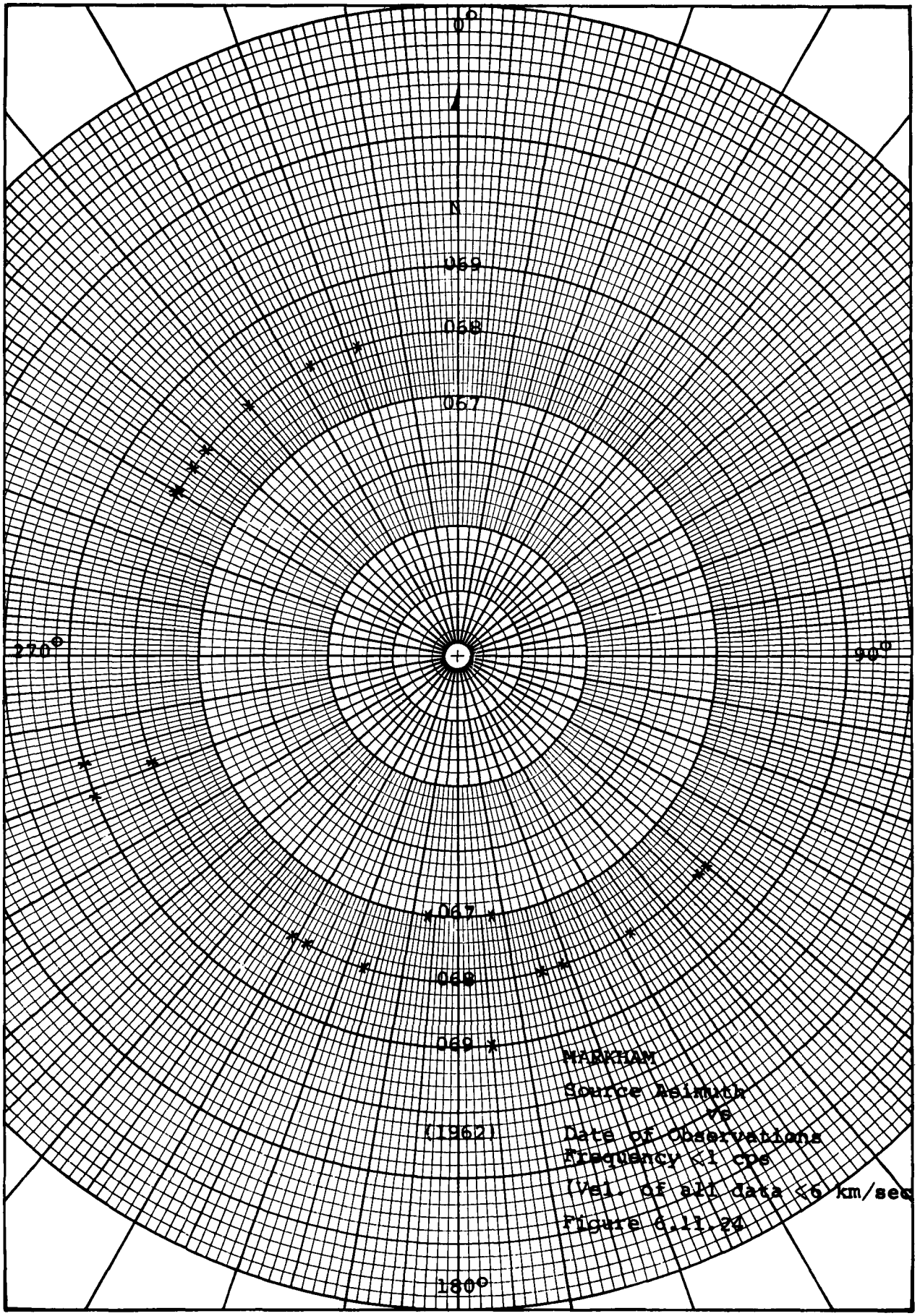
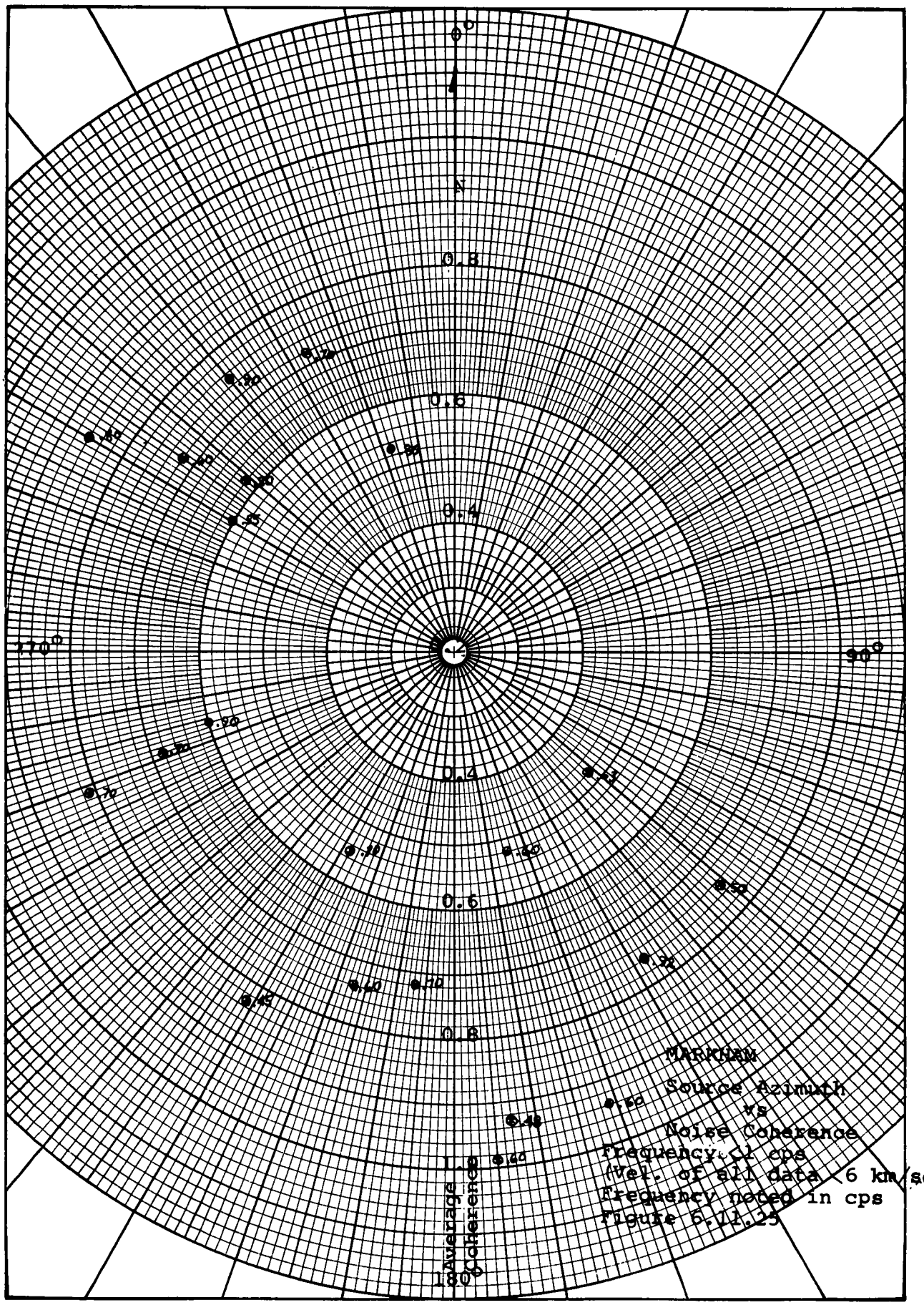

0°
N
.069
.068
.067
270°
90°
.067
.068
.069
180°
MARKHAM
Source Azimuth
vs
Date of Observations
Frequency ≤1 cps
(Vel. of all data ≤6 km/sec
(1962)
Figure 6.11.24



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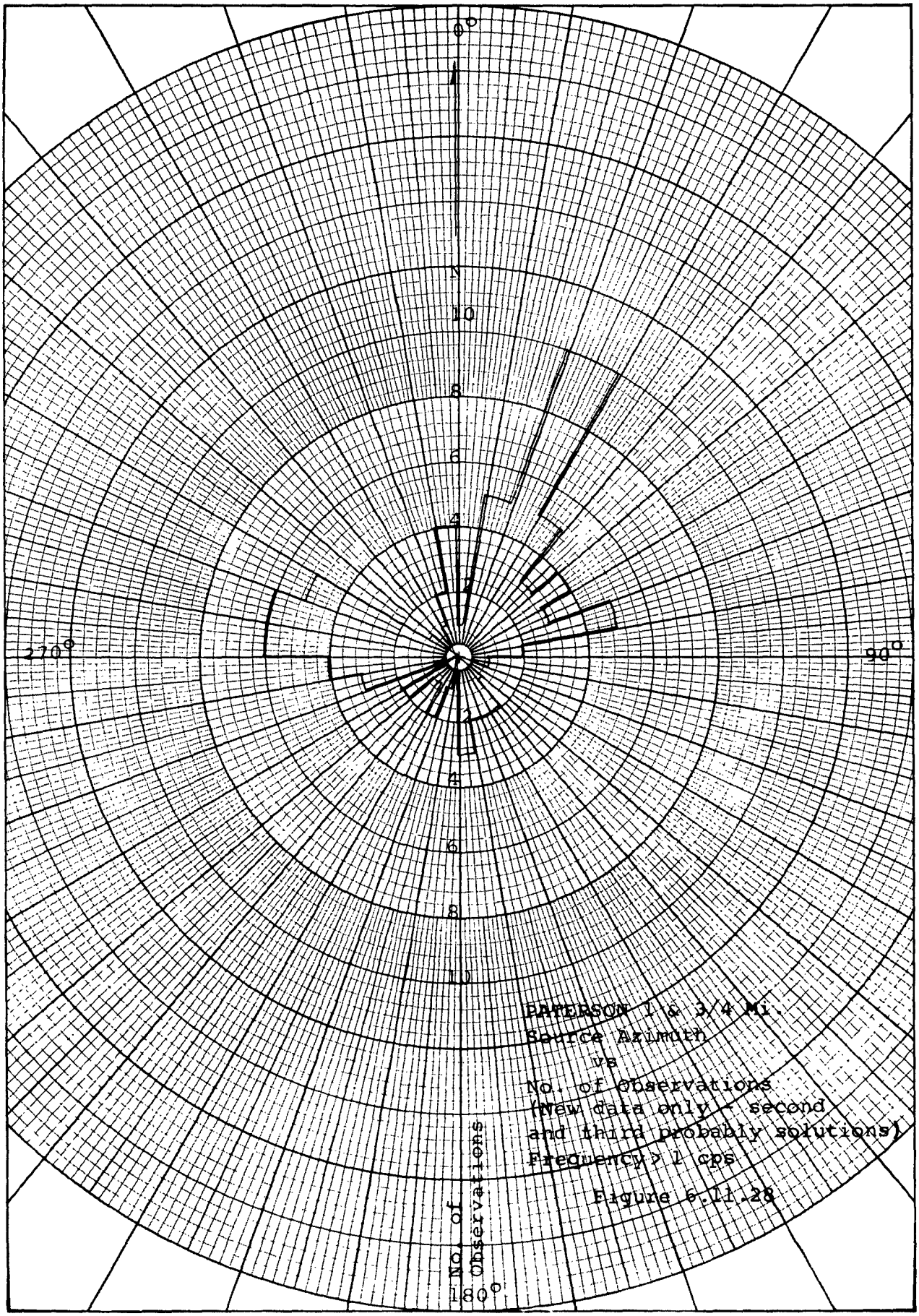
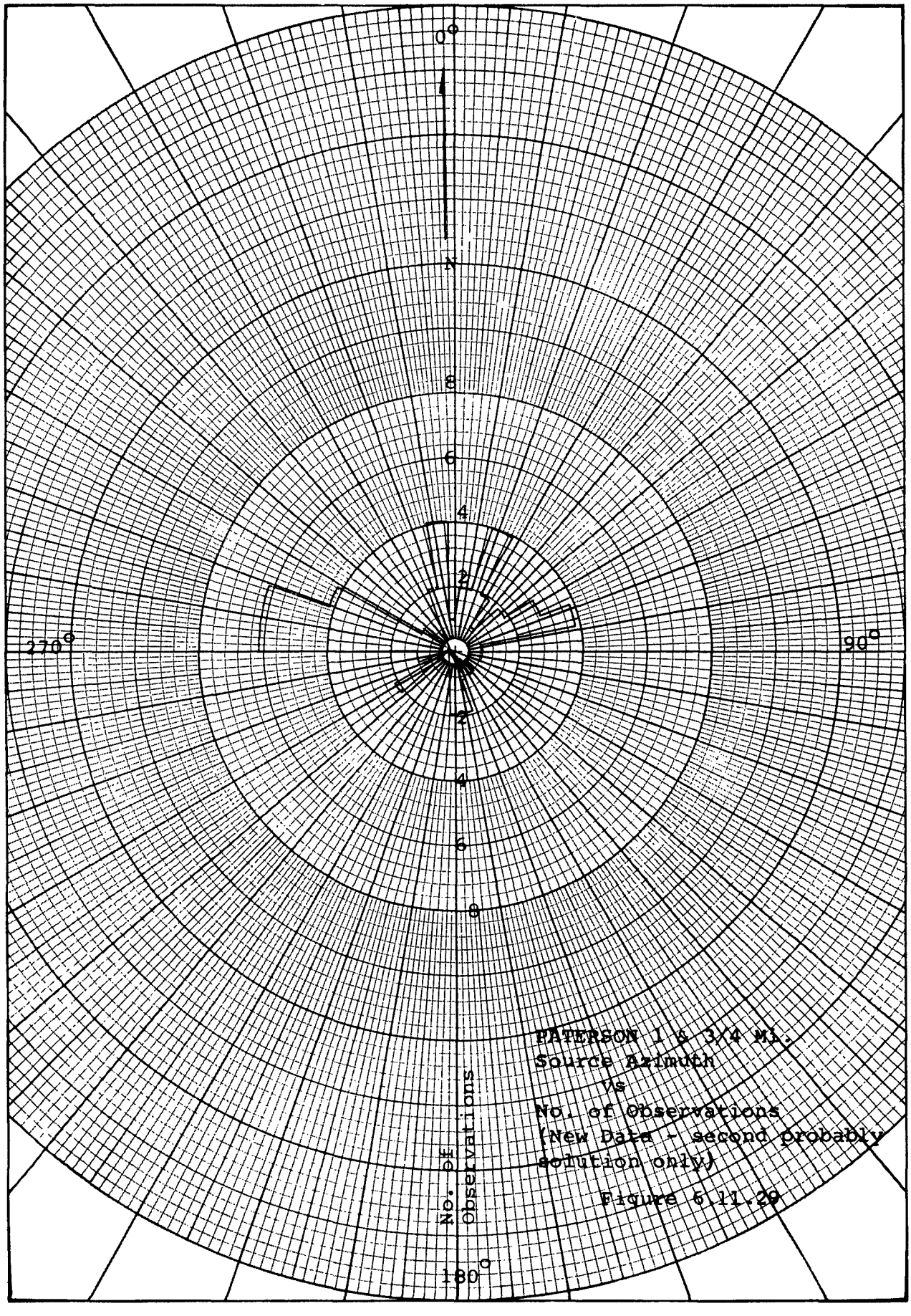


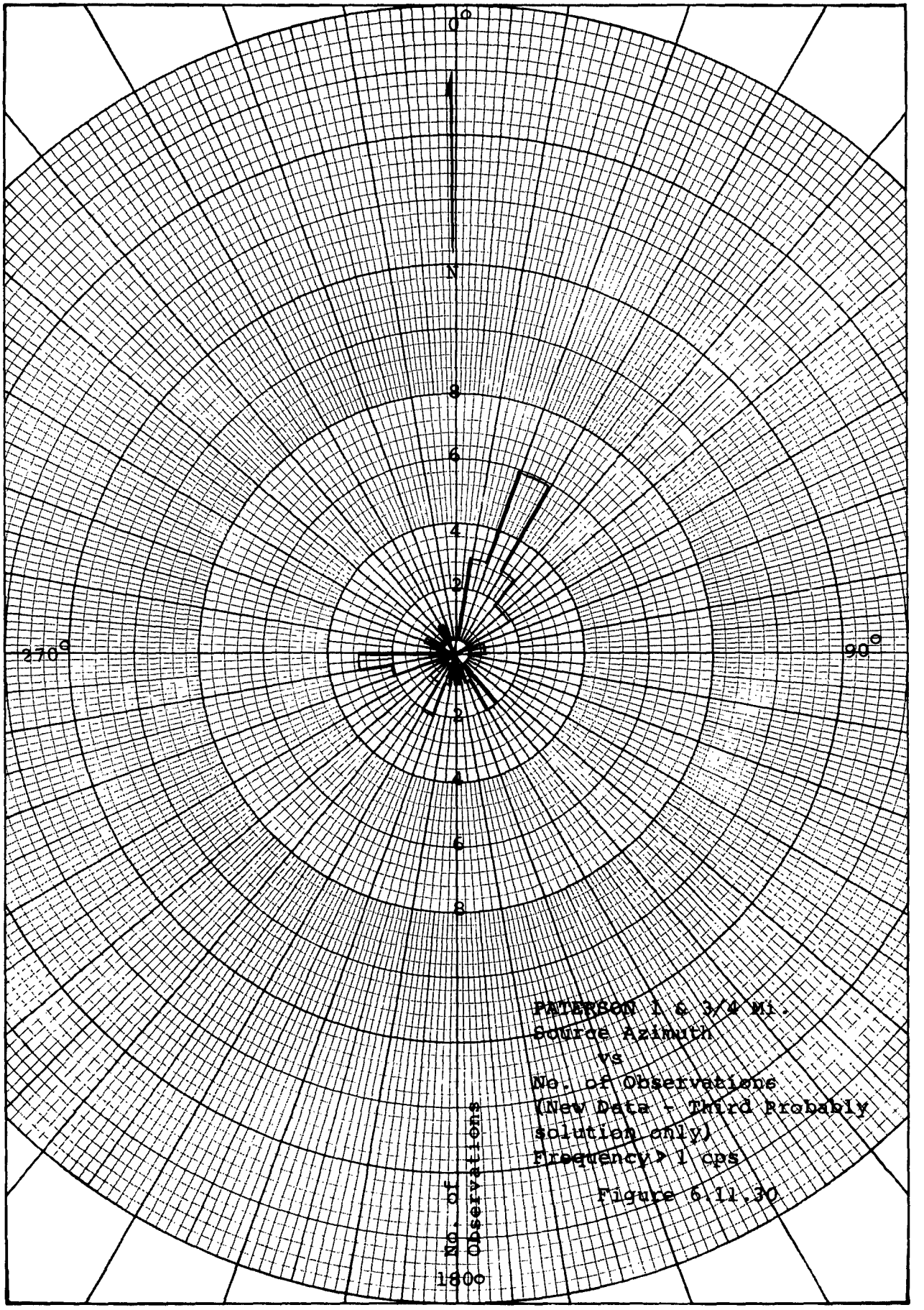
PATERSON 1 & 3/4 Mi.
Source Azimuth
vs
No. of Observations
(New data only - second
and third probably solutions)
Frequency > 1 cps

Figure 6.11.28



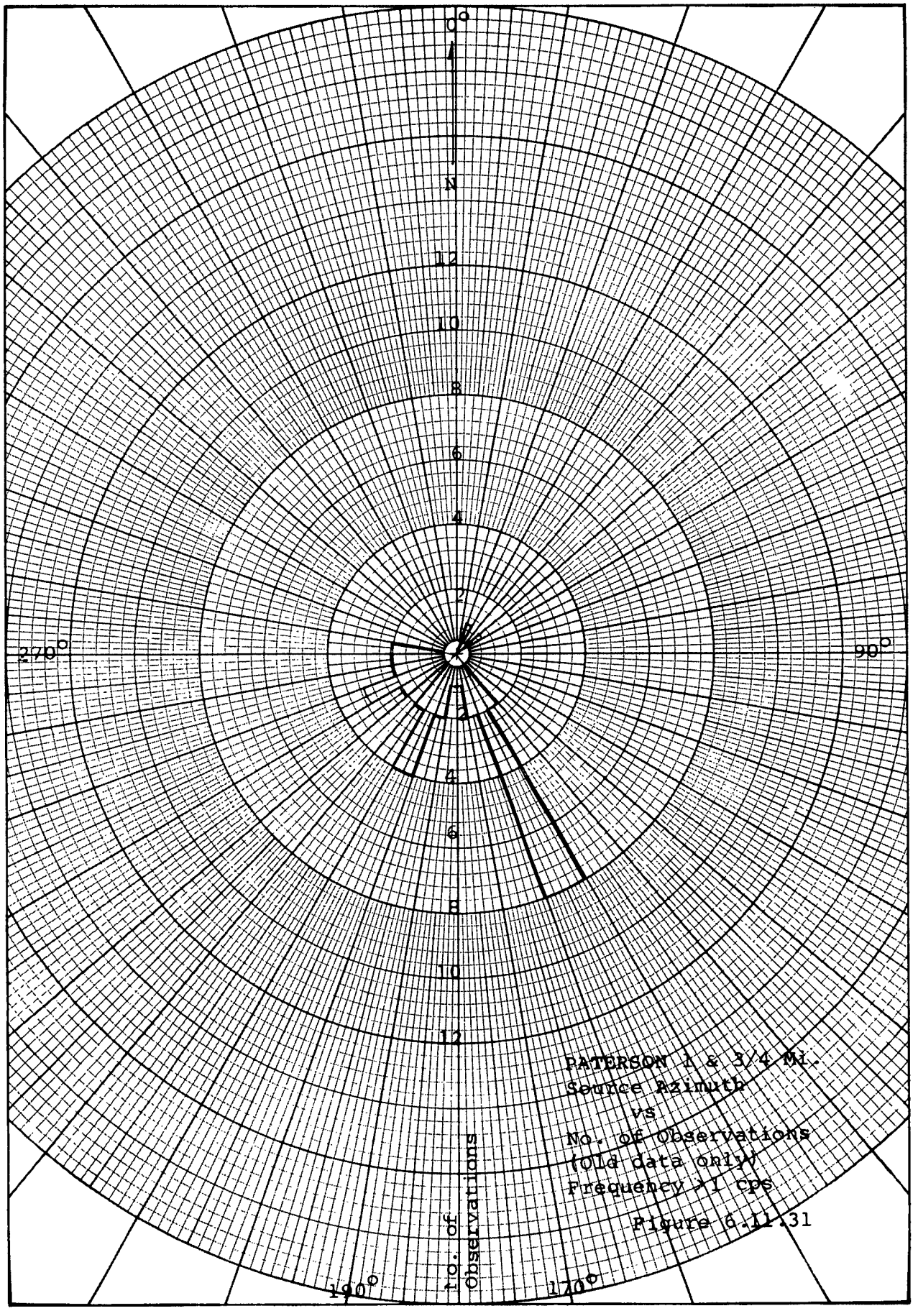
PATERSON 1 & 3/4 MI.
Source Azimuth
Vs
No. of Observations
(New Data - second probably solution only)

Figure 6.11.29



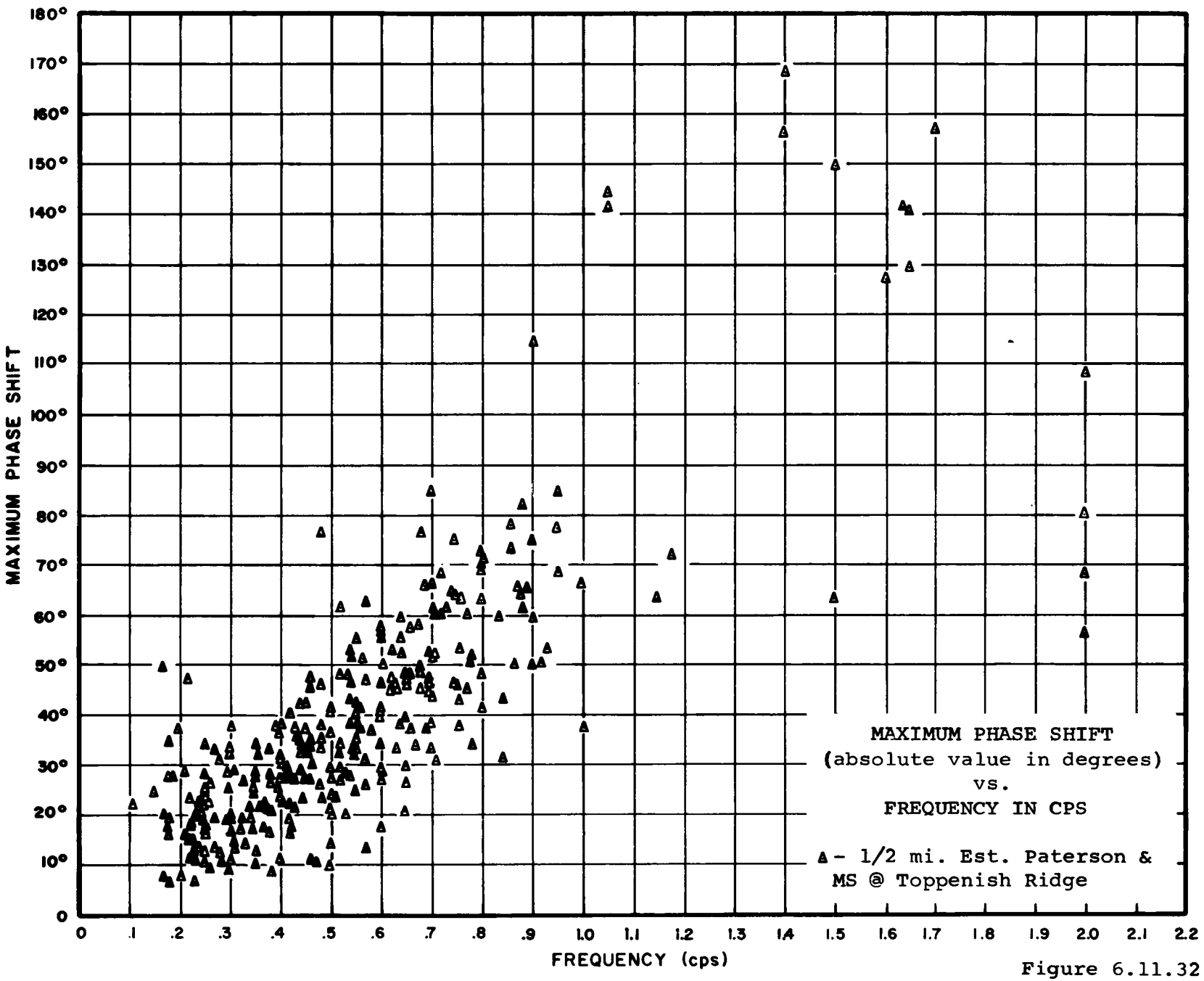
PATERSON 1 & 3/4 Mi.
Source Azimuth
vs
No. of Observations
(New Data - Third Probably
Solution only)
Frequency > 1 cps

Figure 6.11.30



PATERSON 1 & 3/4 Mi.
Source Azimuth
vs
No. of Observations
(old data only)
Frequency >1 cps

Figure 6.11.31



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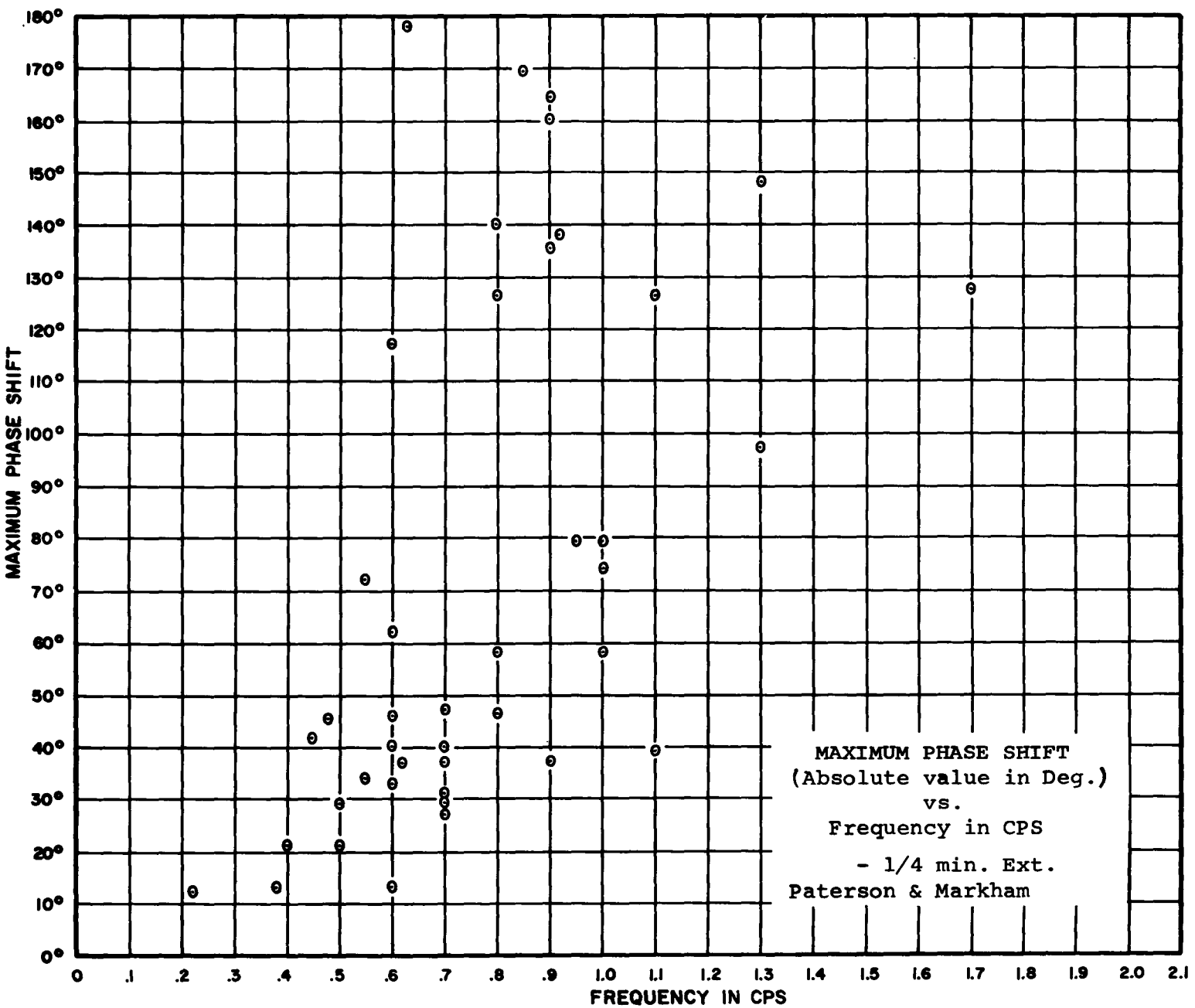

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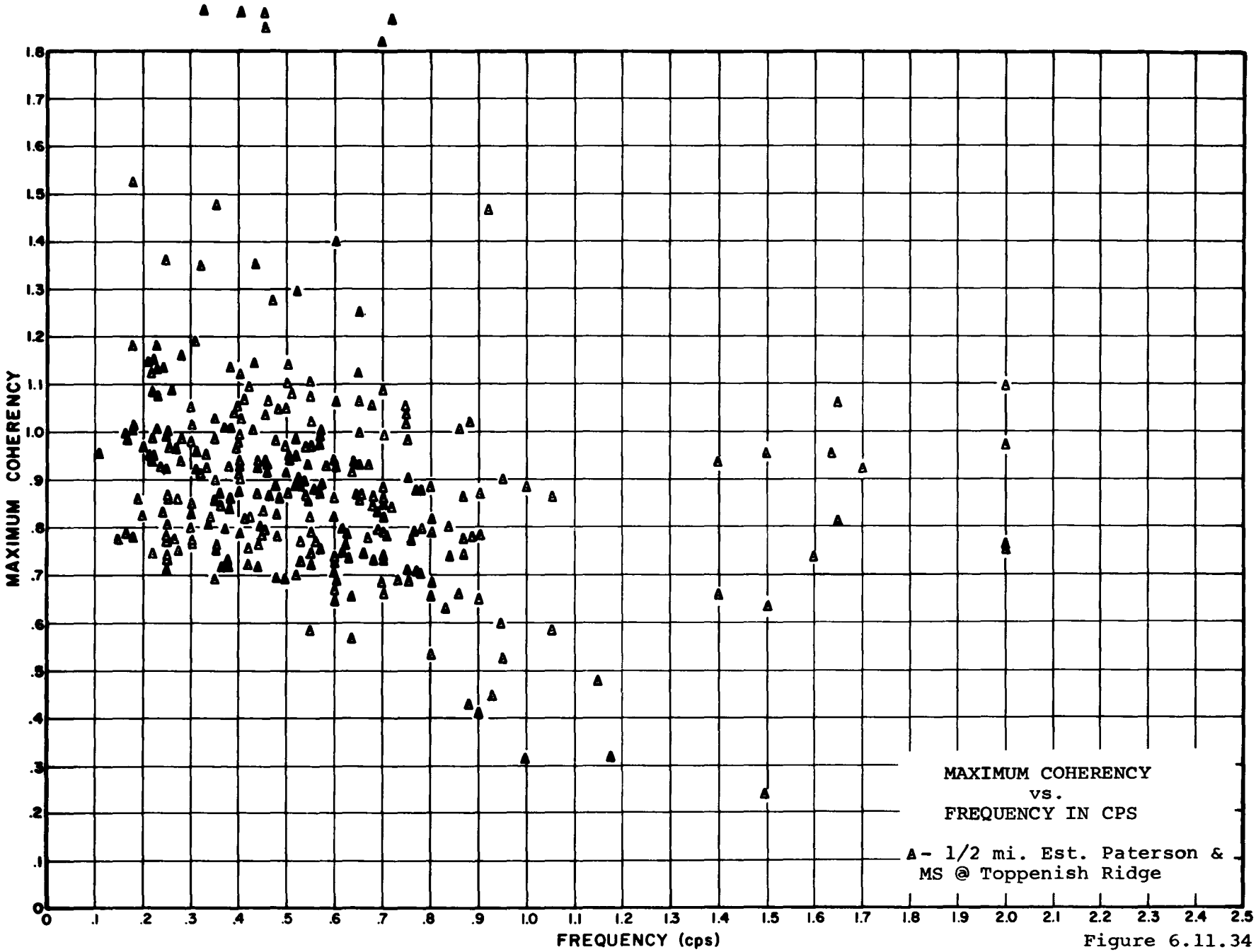
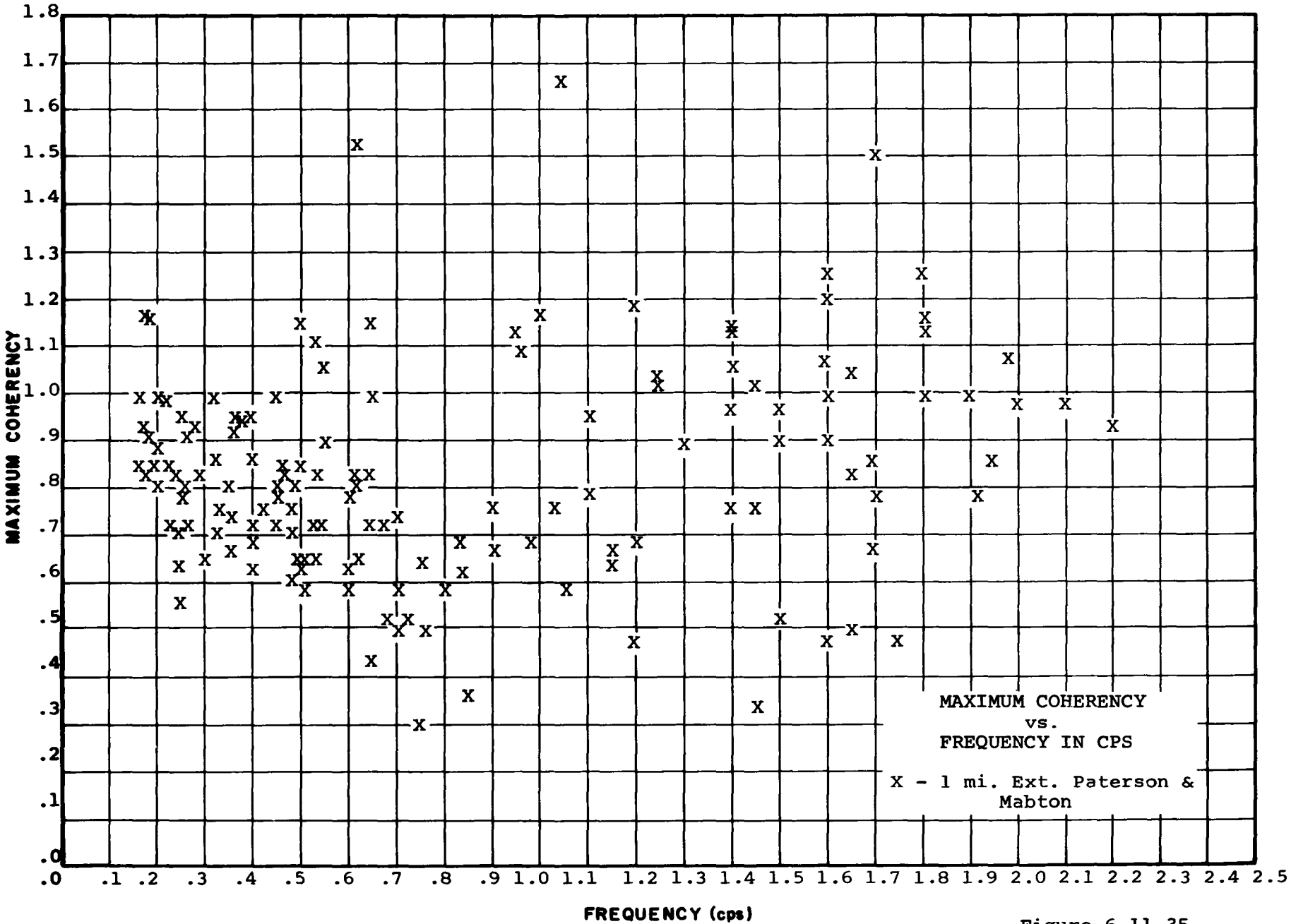


Figure 6.11.34



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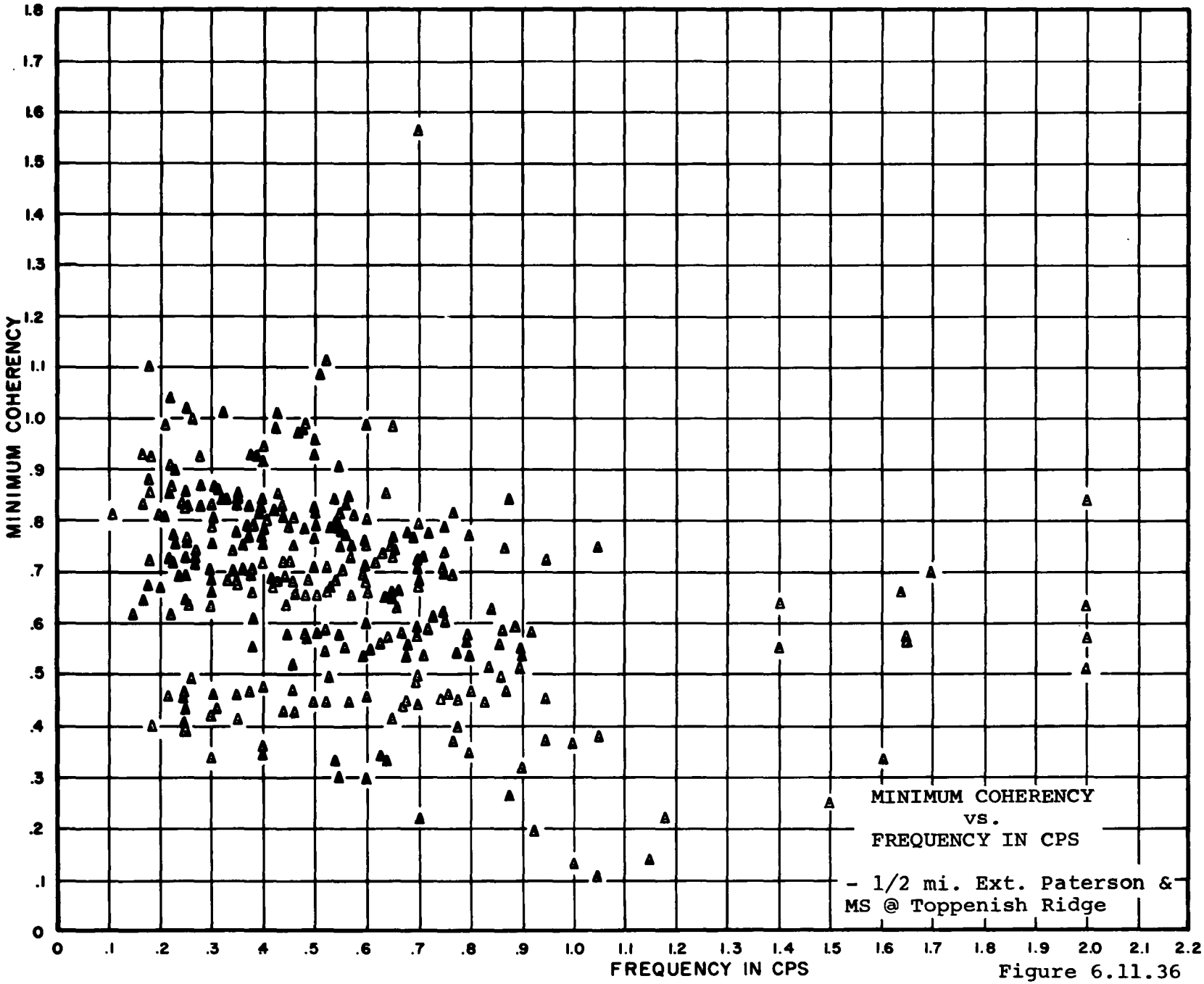

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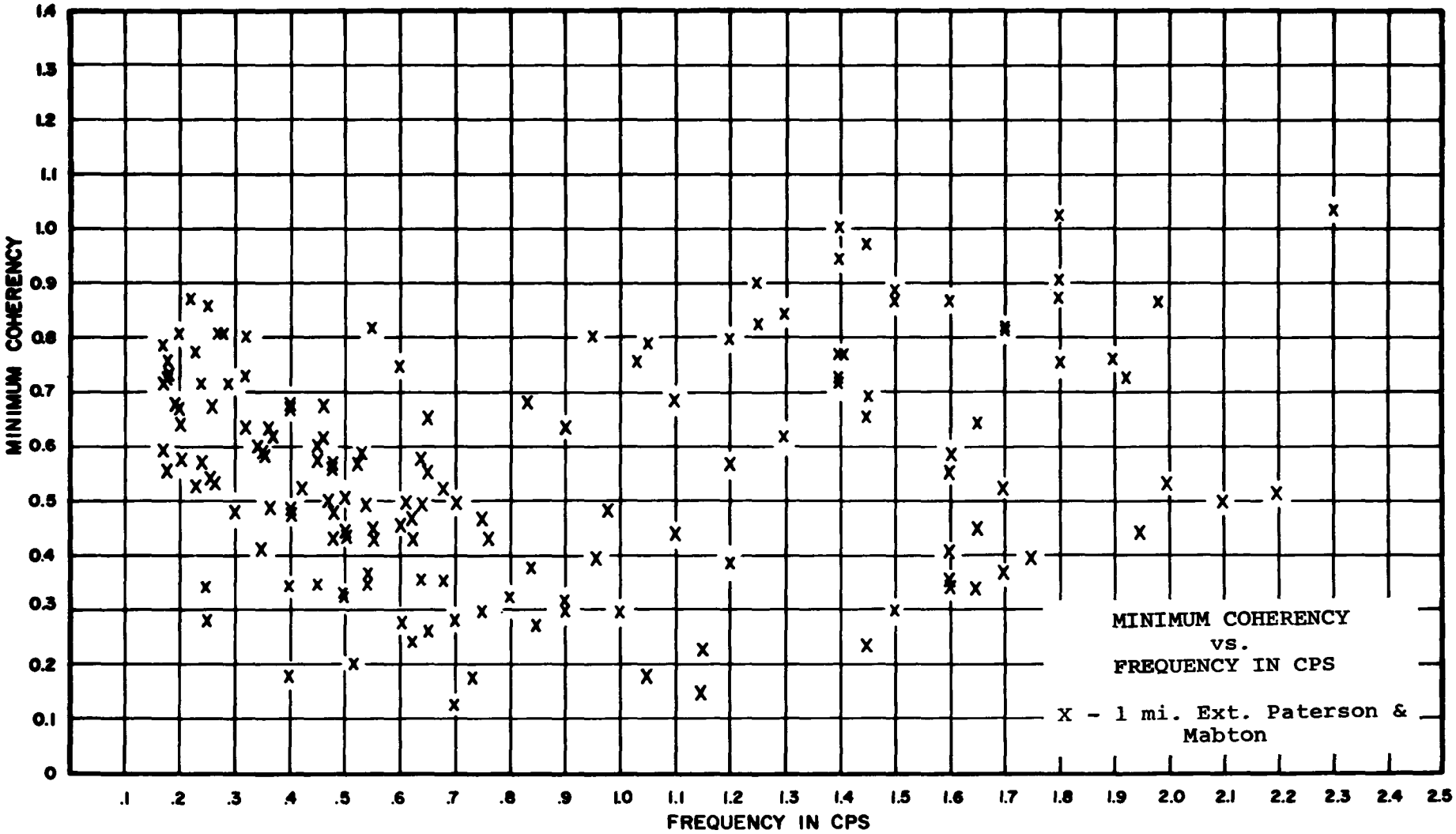


Figure 6.11.37

6.12 Noise Amplitude Spectra

The detailed data in this section are derived spectra of ground motion for each of the stations in the study, computed as discussed in Section 4.1.2.2. Figures 6.12.1.1 through 6.12.1.10 are typical combined long and short-period amplitude spectra for stations on the California profile, Figures 6.12.2.1 through 6.12.2.8 for stations on the Pacific Northwest profile, and Figures 6.12.3.1 through 6.12.3.9 for stations on the Appalachian profile.

Figures 6.12.4.1 through 6.12.4.3 are small-scale machine plots of average noise amplitudes against time in the 1.43, 0.89, and 0.571 cps bands, respectively, for consecutive 200-second samples from all California stations. Figures 6.12.4.4 through 6.12.4.6 are plots of the same frequency bands for the Pacific Northwest stations.

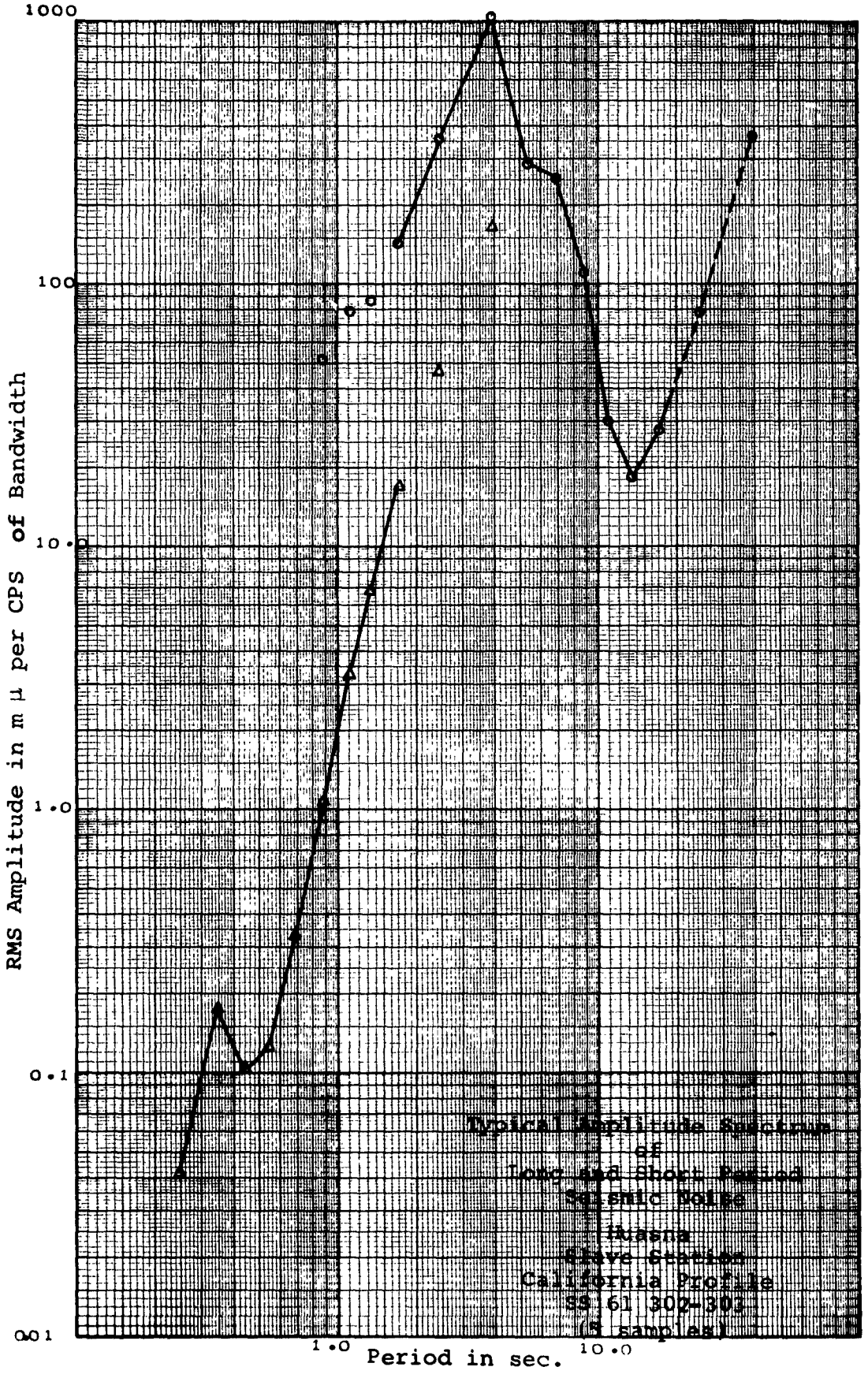


Figure 6.12.1.1

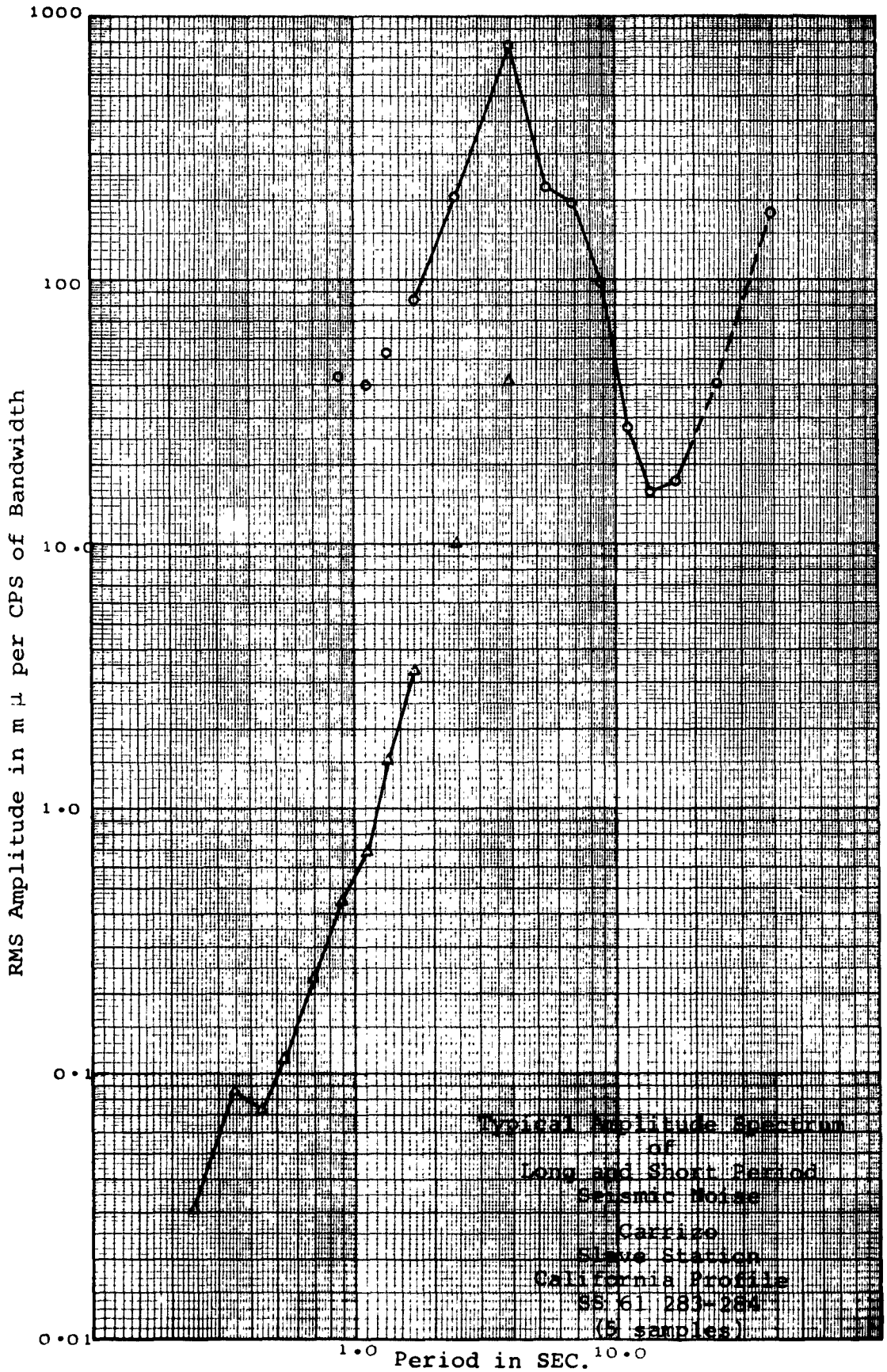
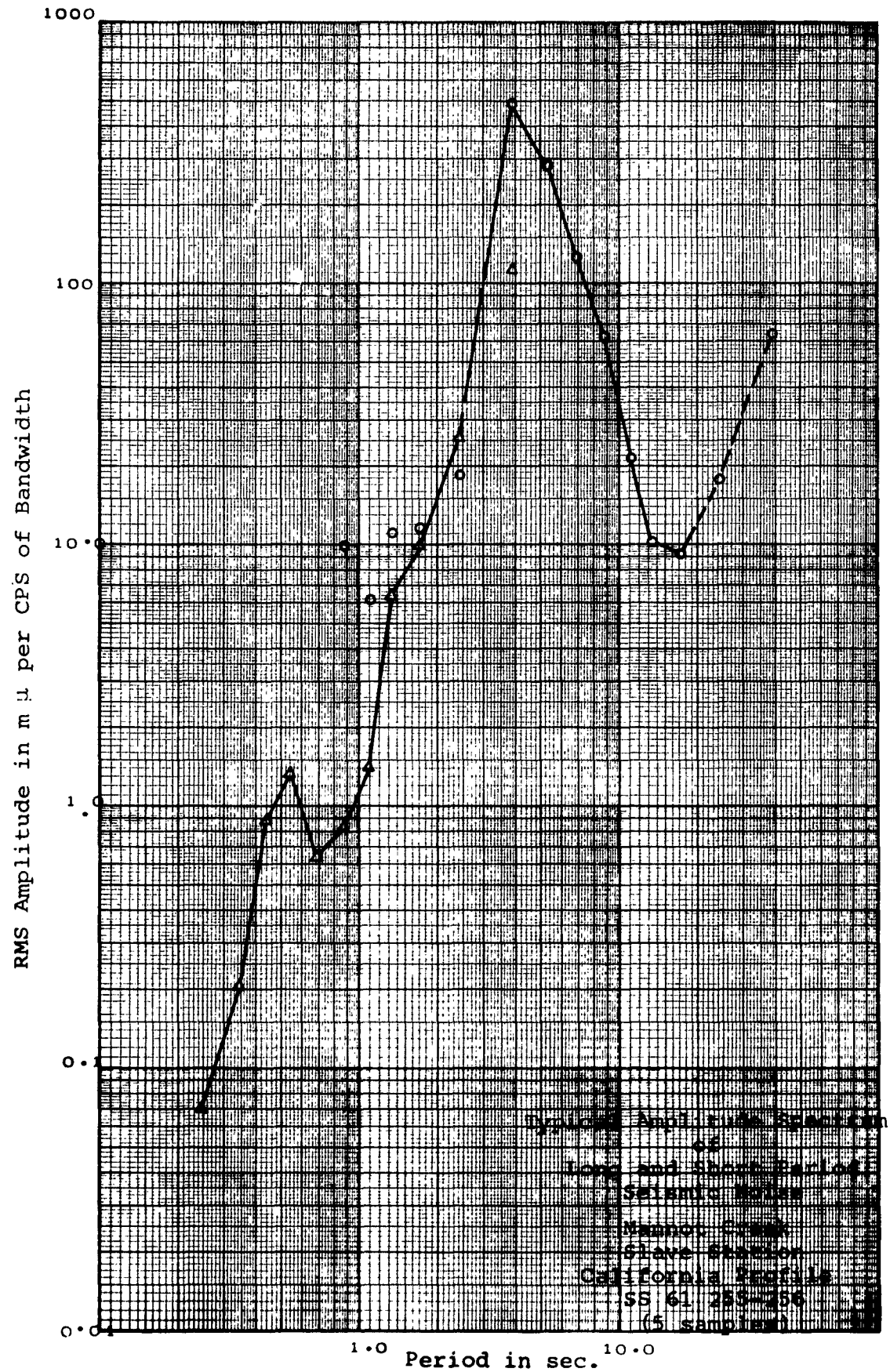


Figure 6.12.1.2



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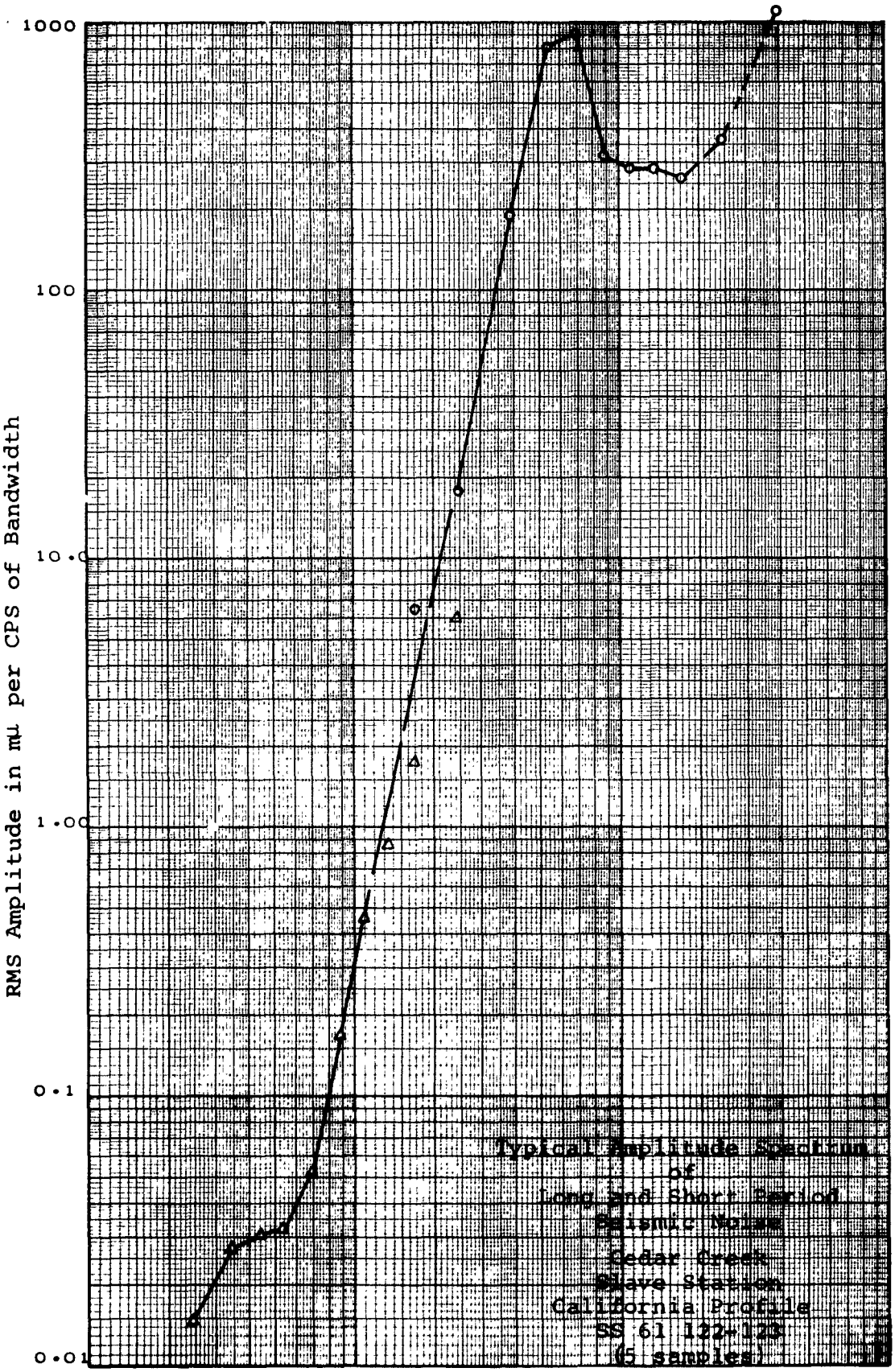
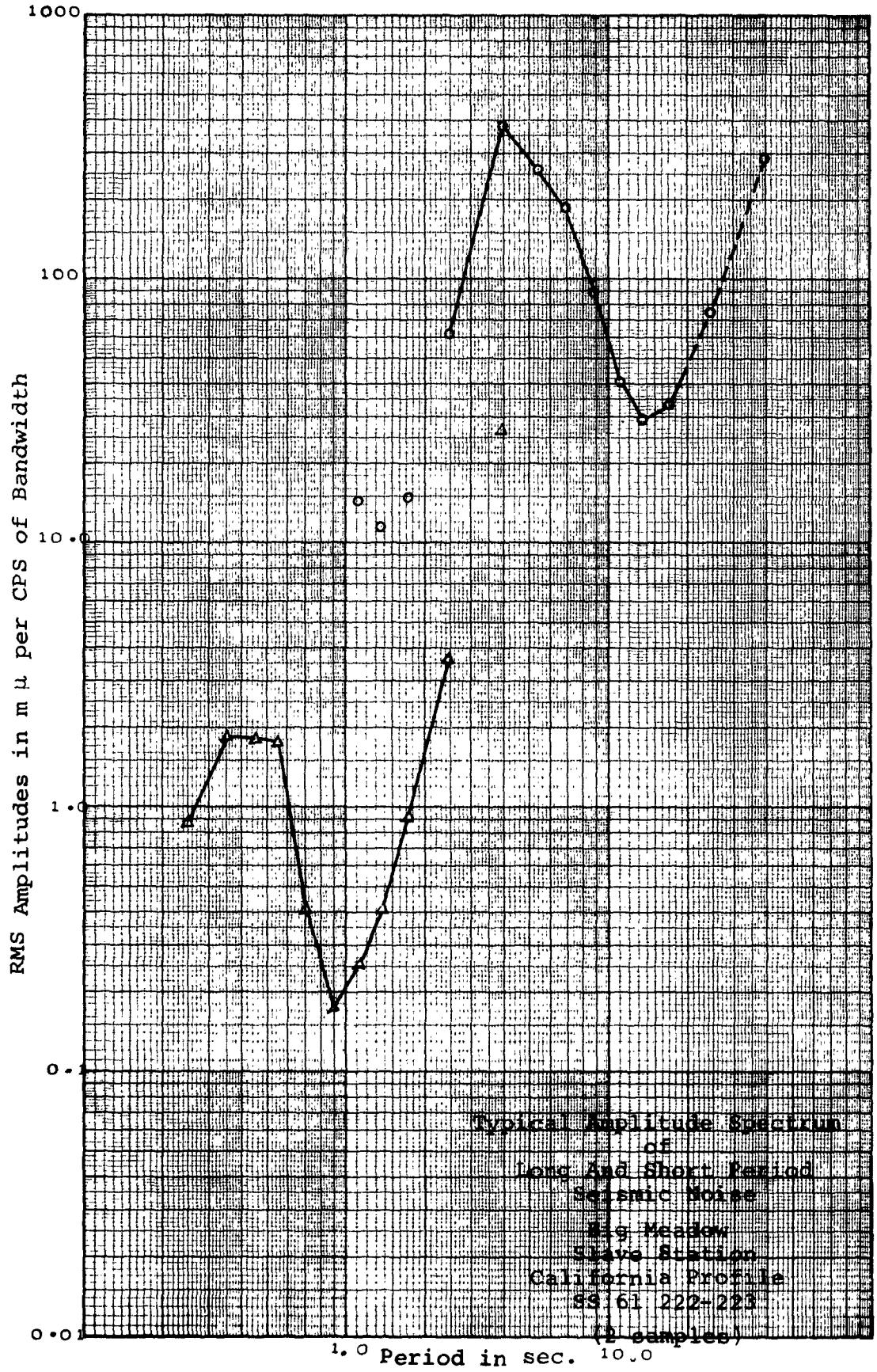


Figure 6.12.1.4



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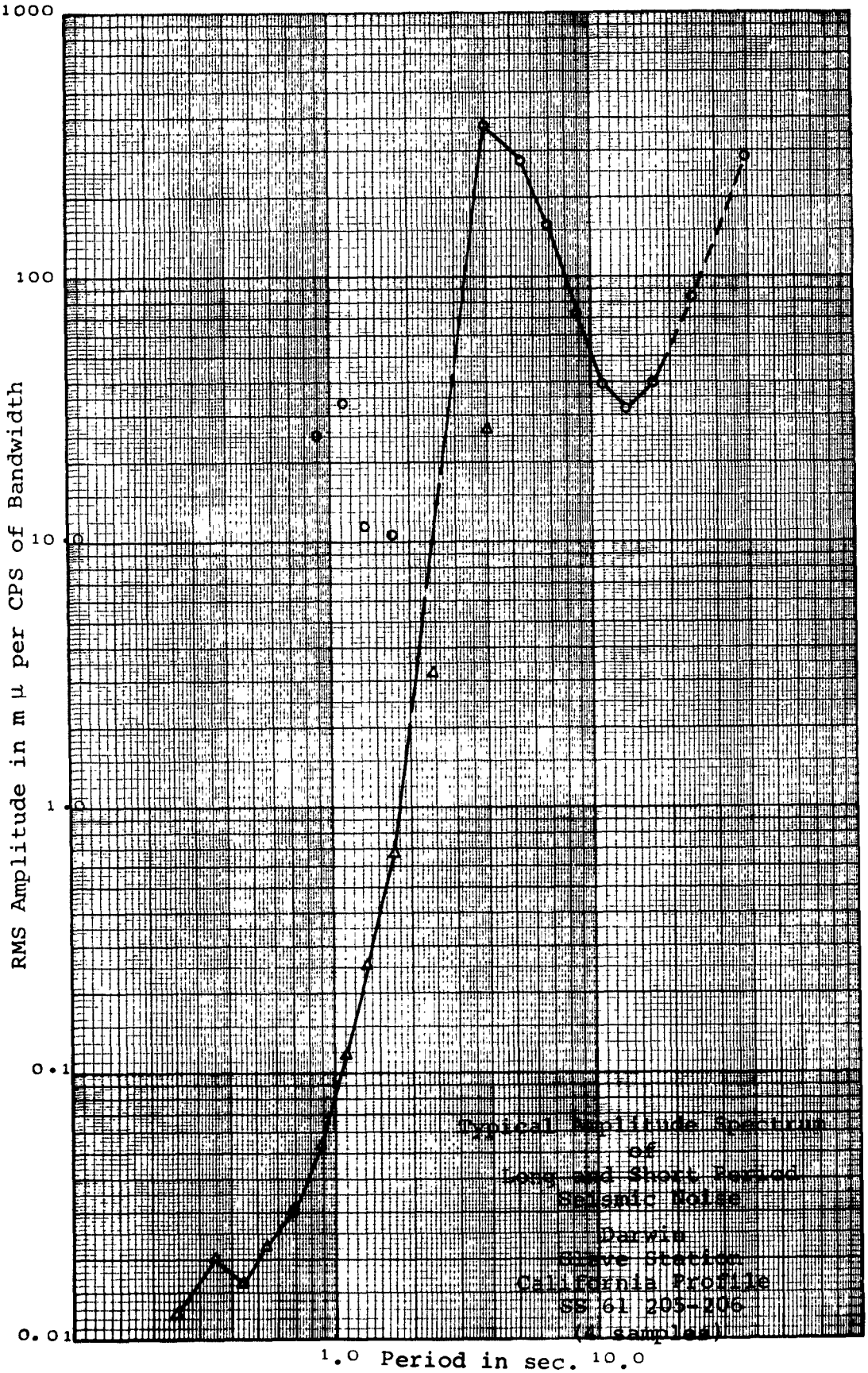


Figure 6.12.1.6

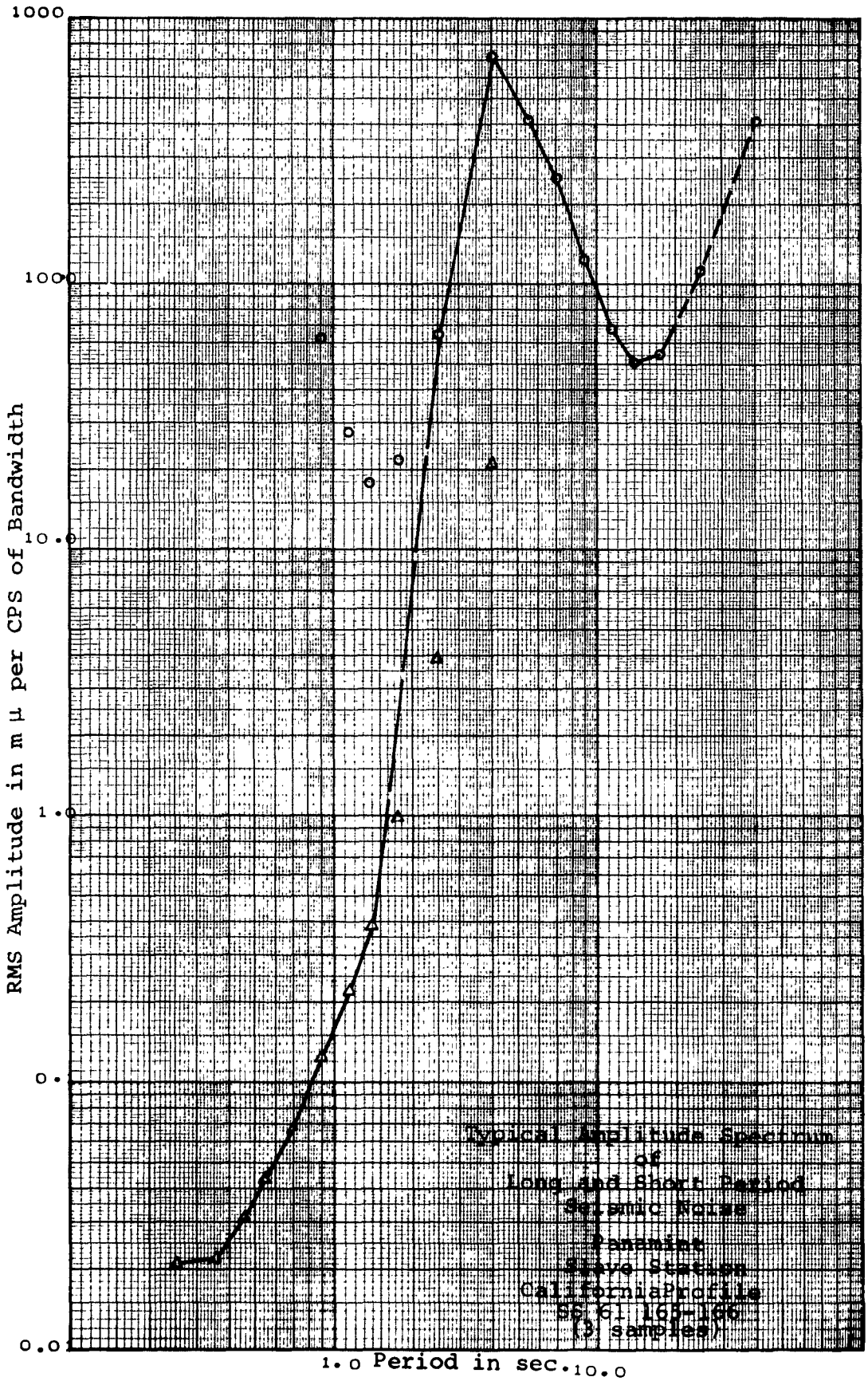
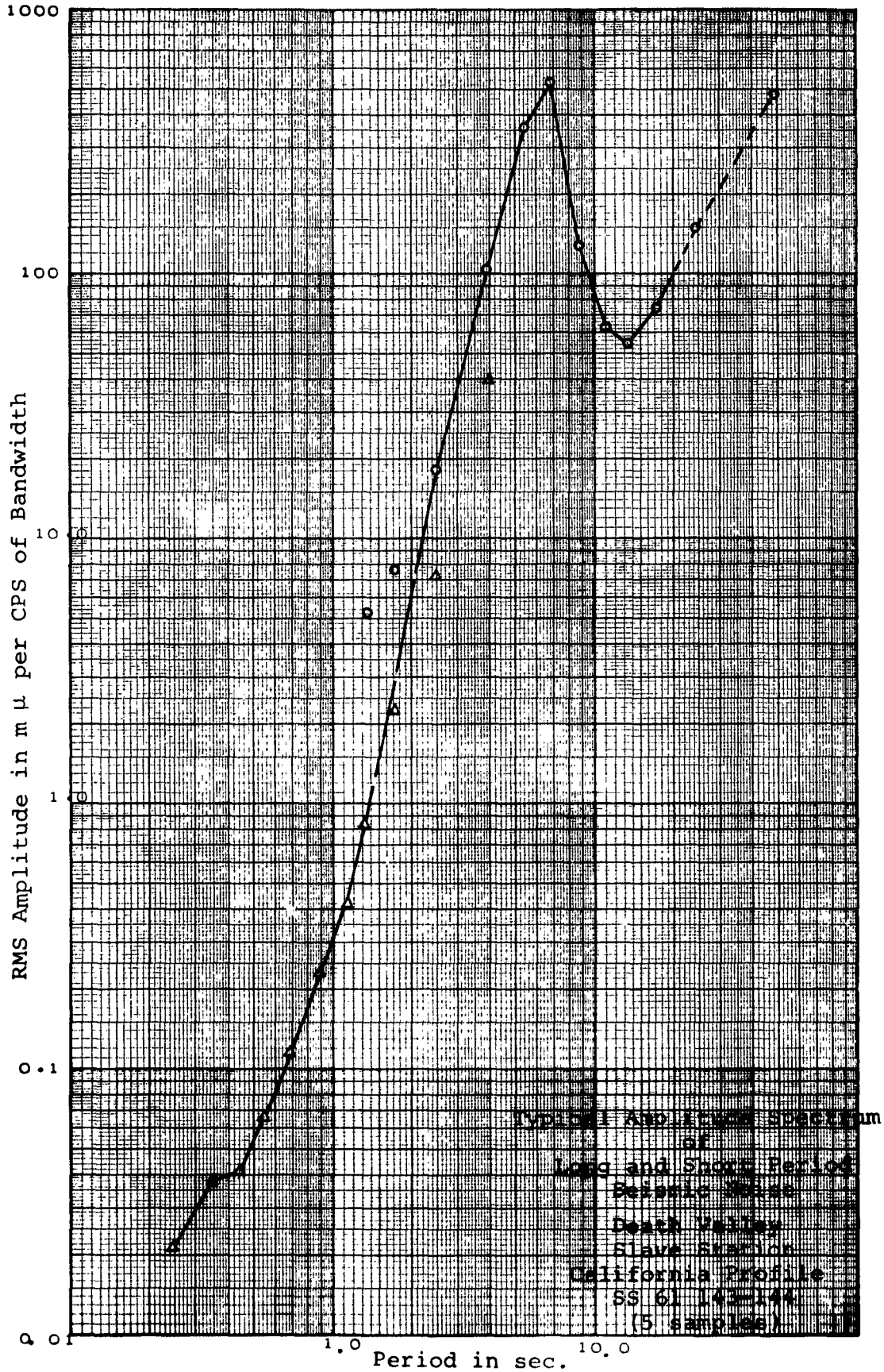


Figure 6.12.1.7



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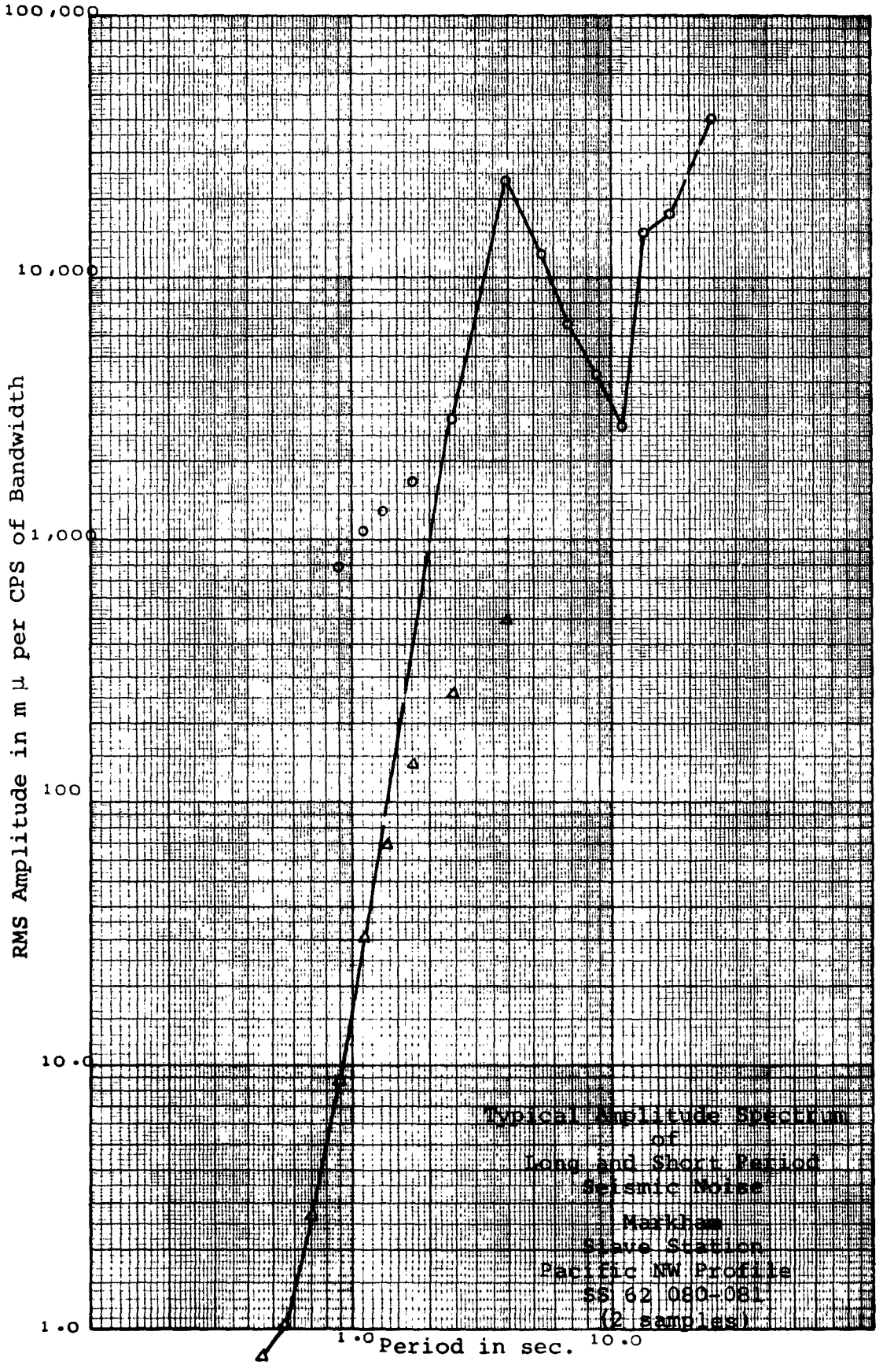
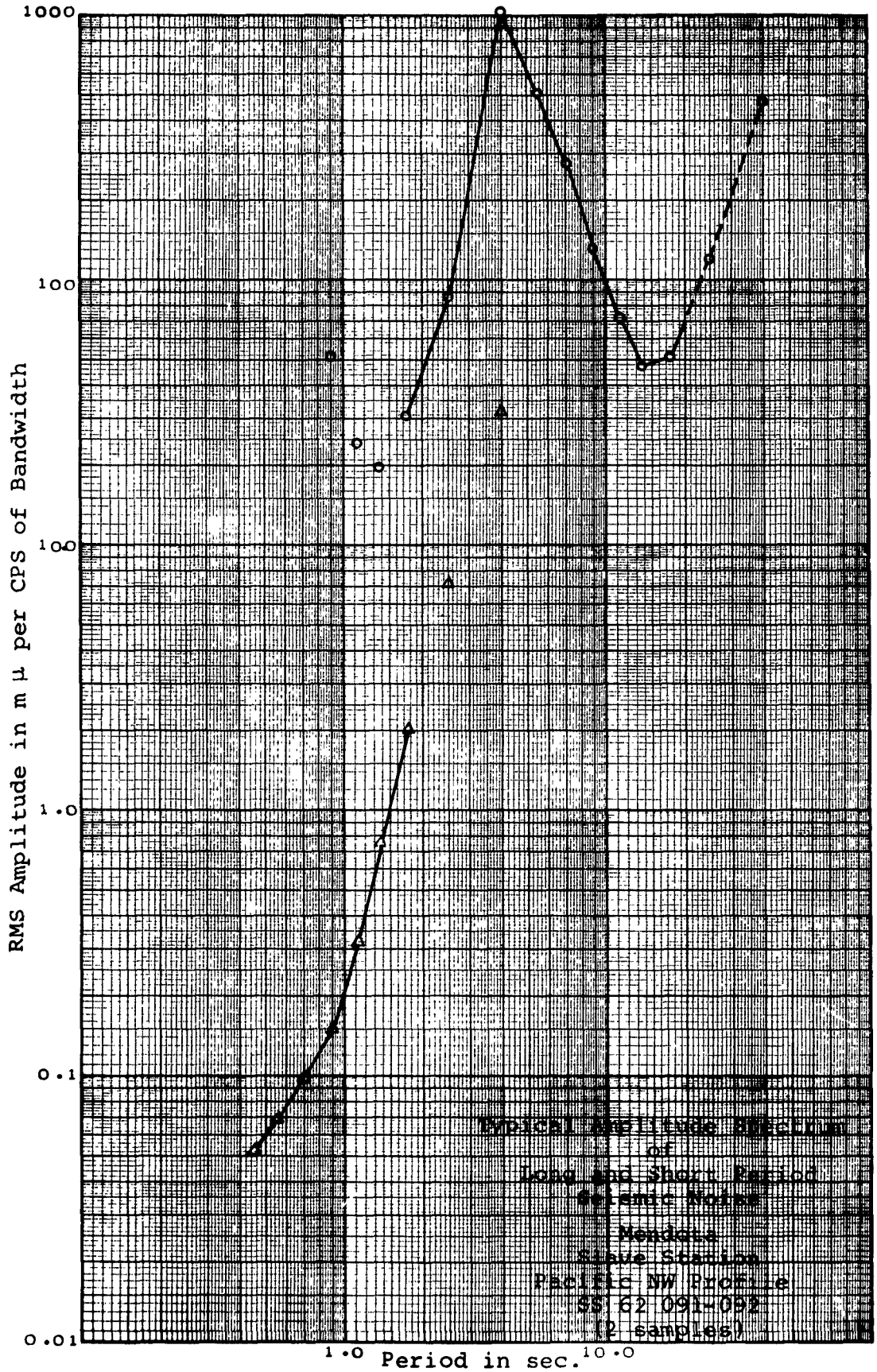


Figure 6.12.2.1



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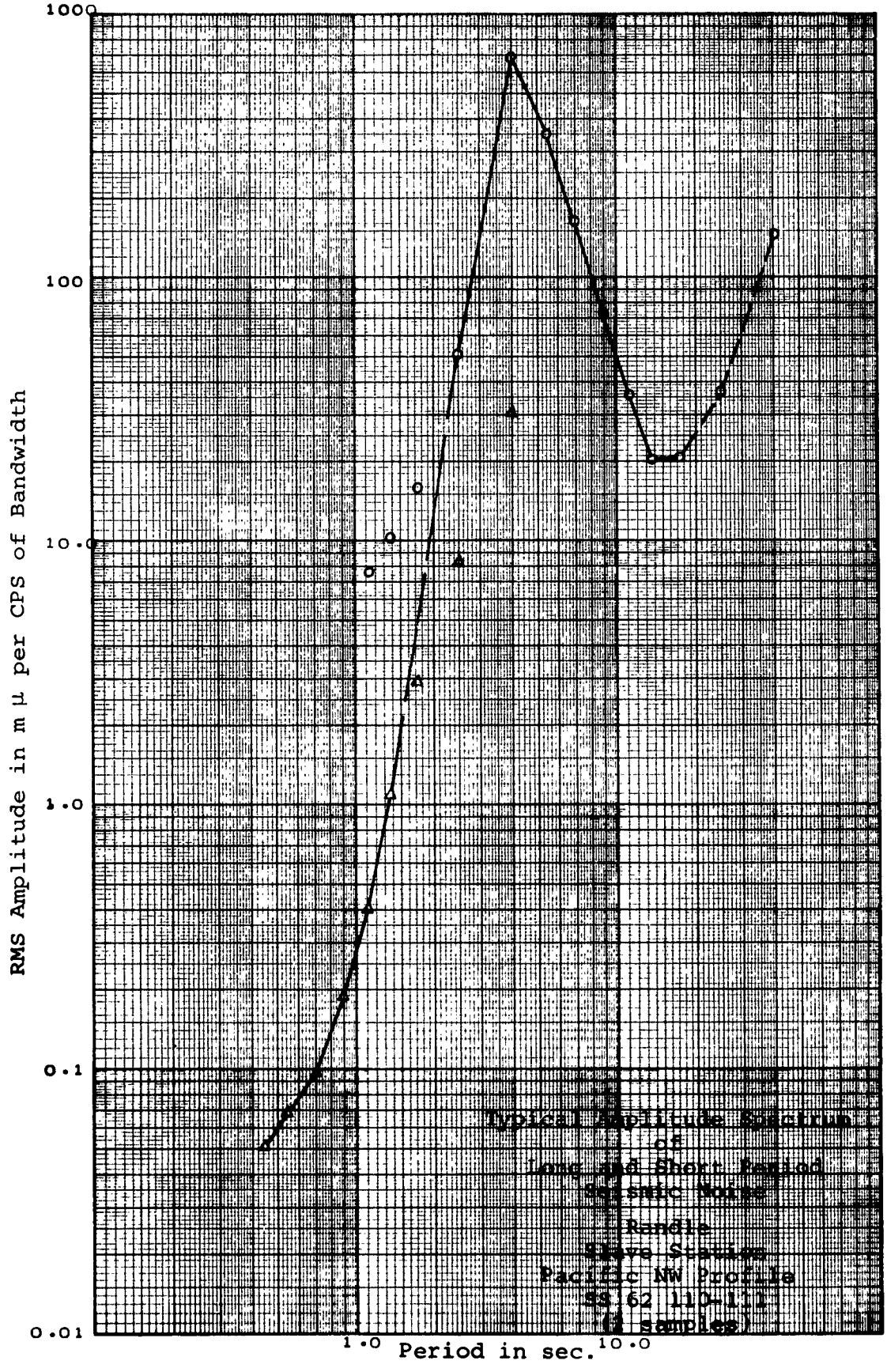

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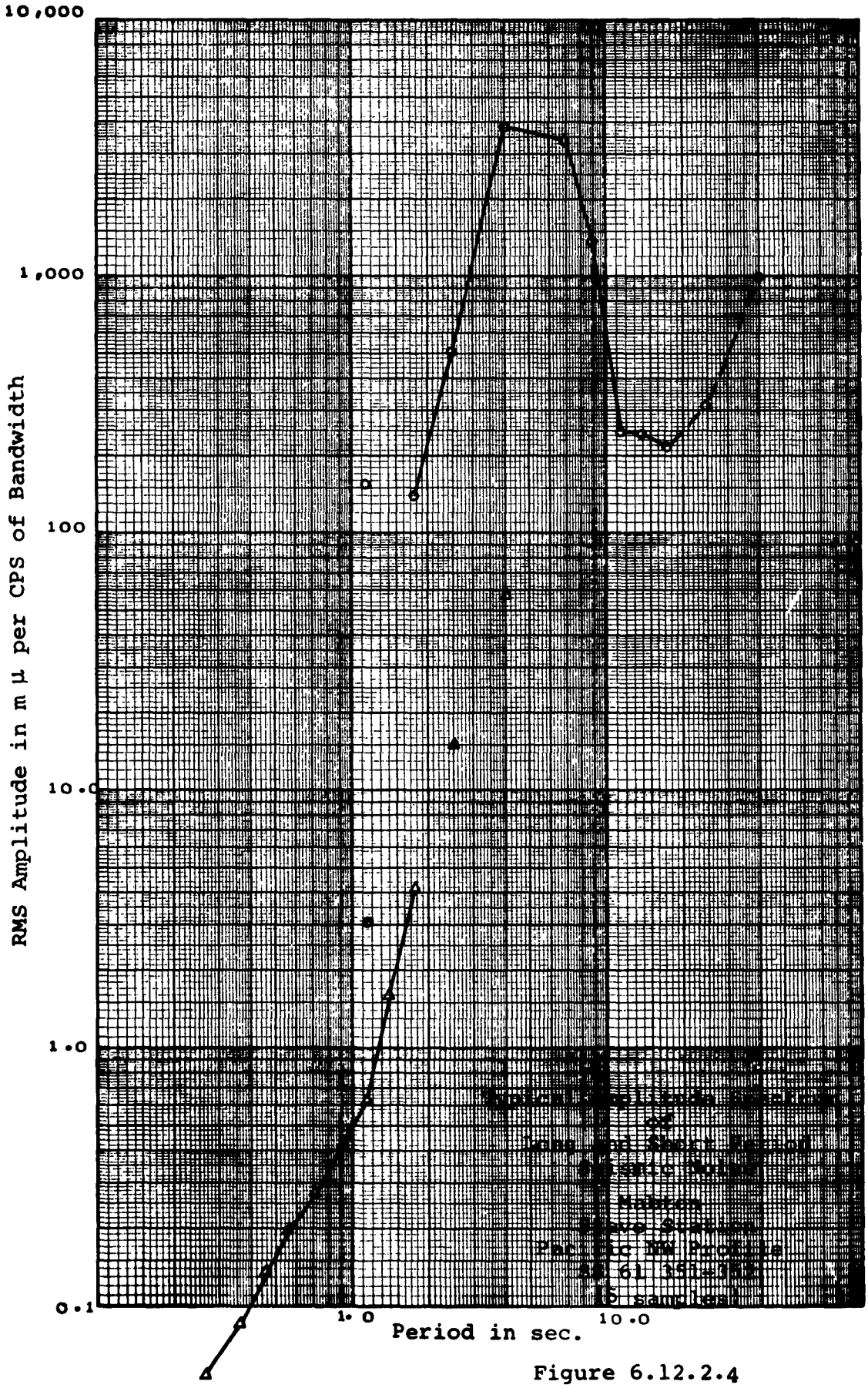

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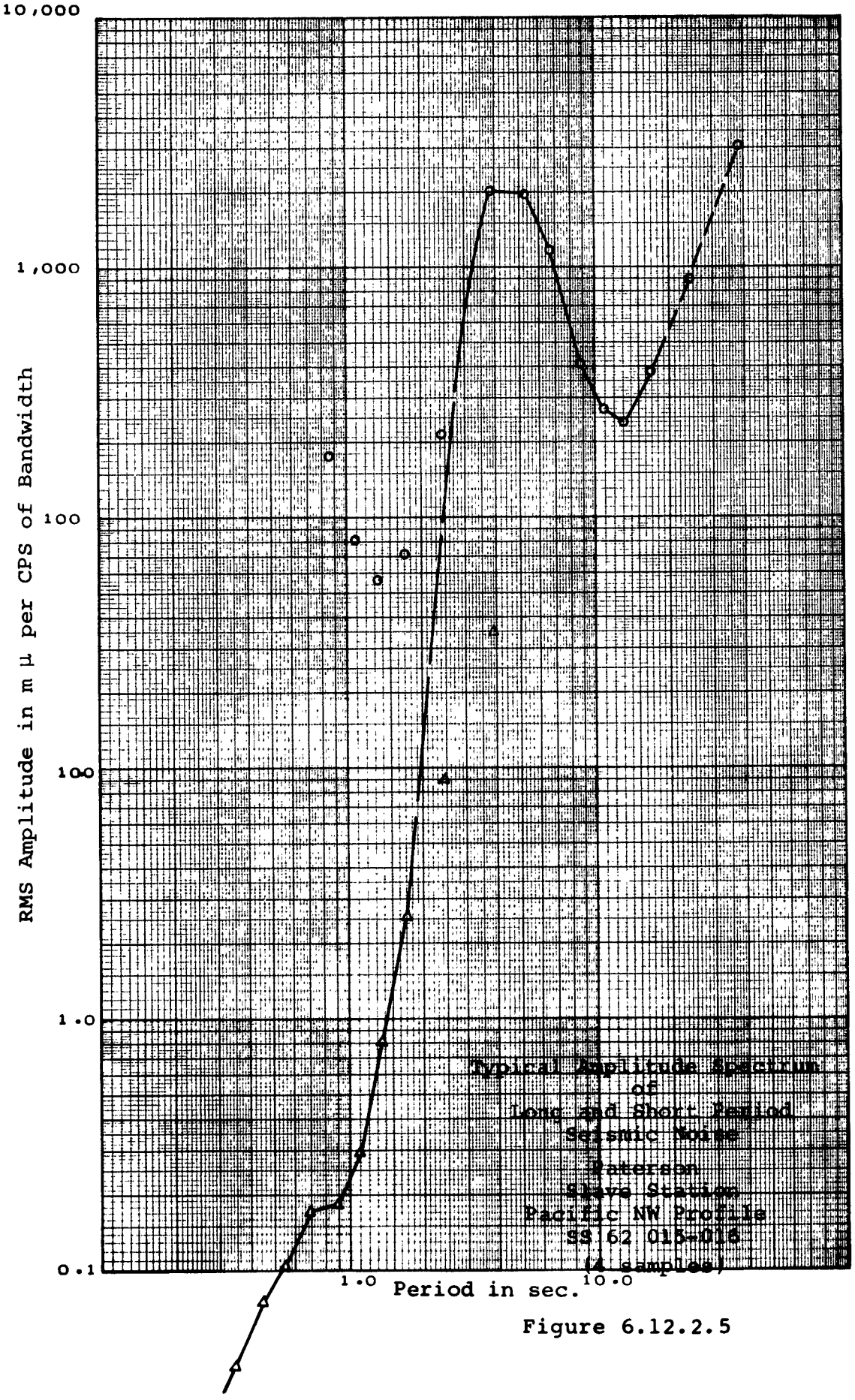

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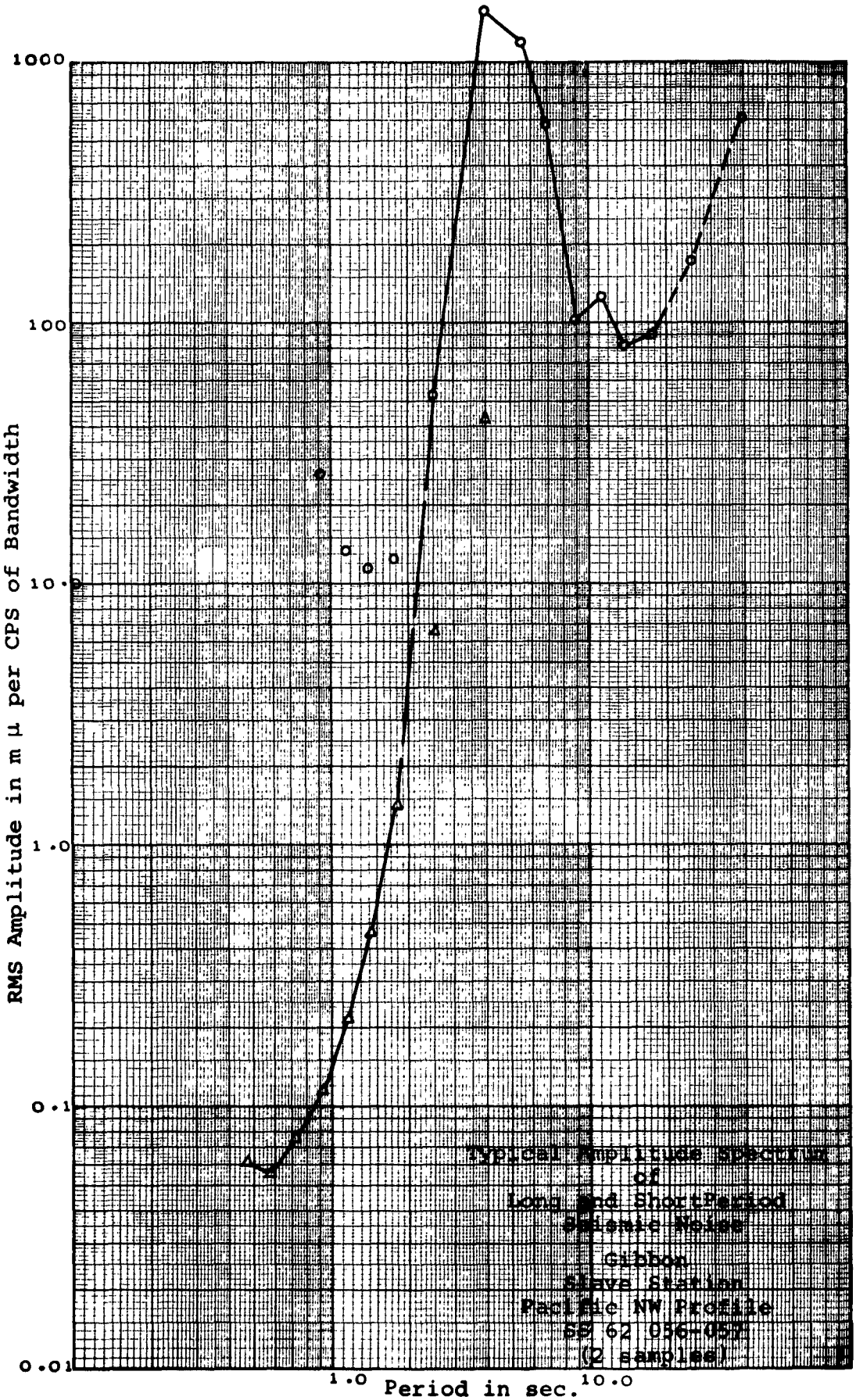

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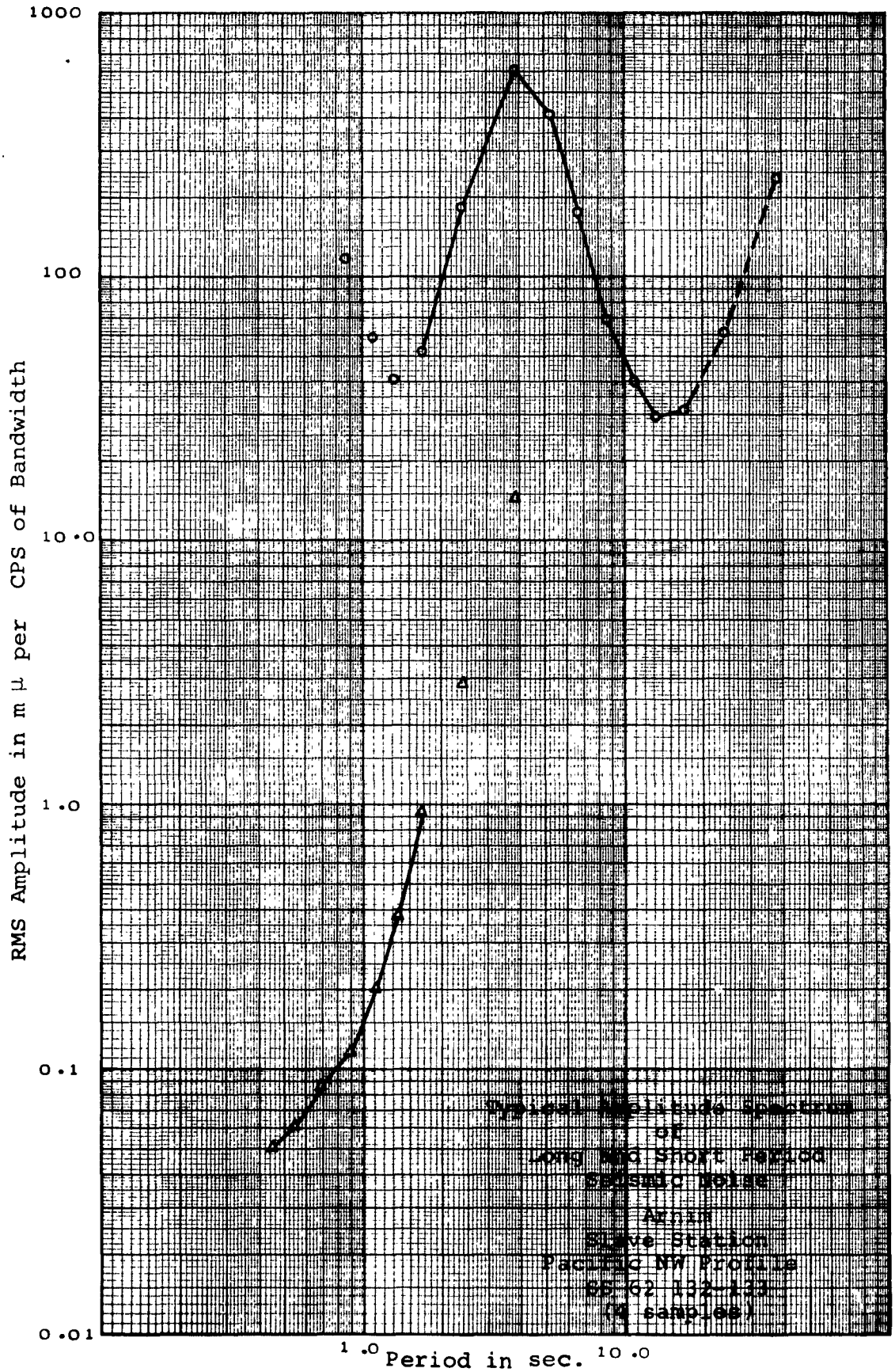

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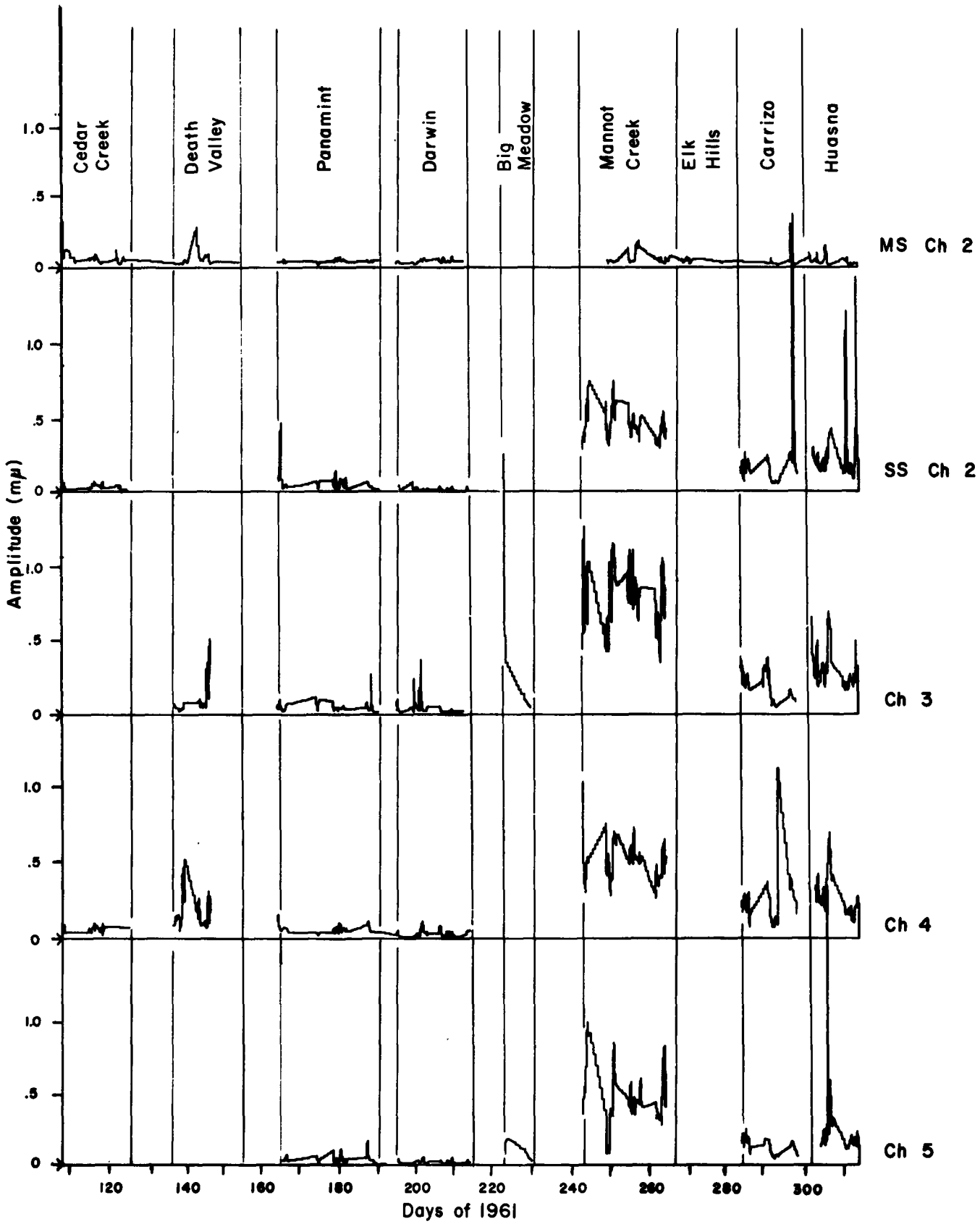
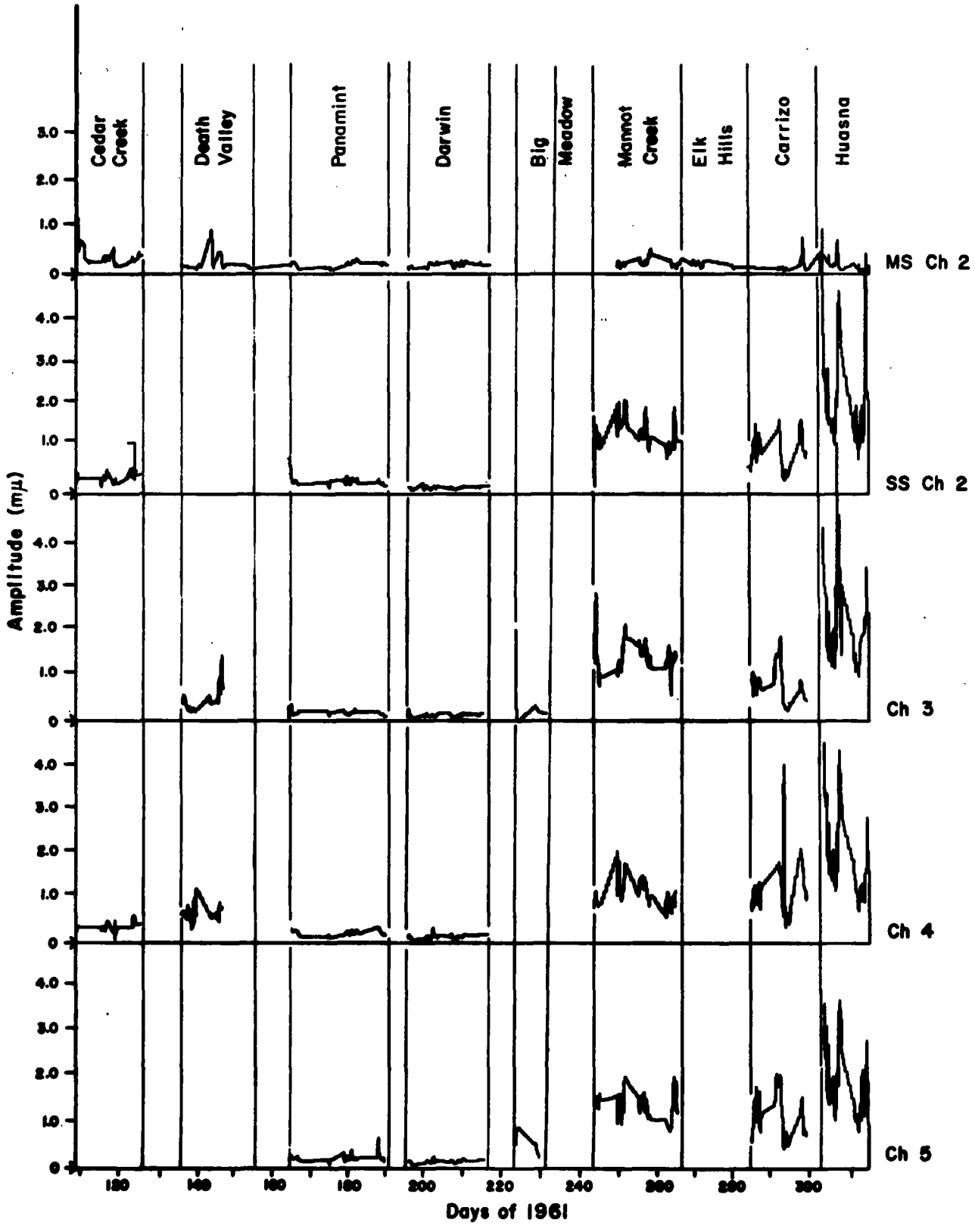


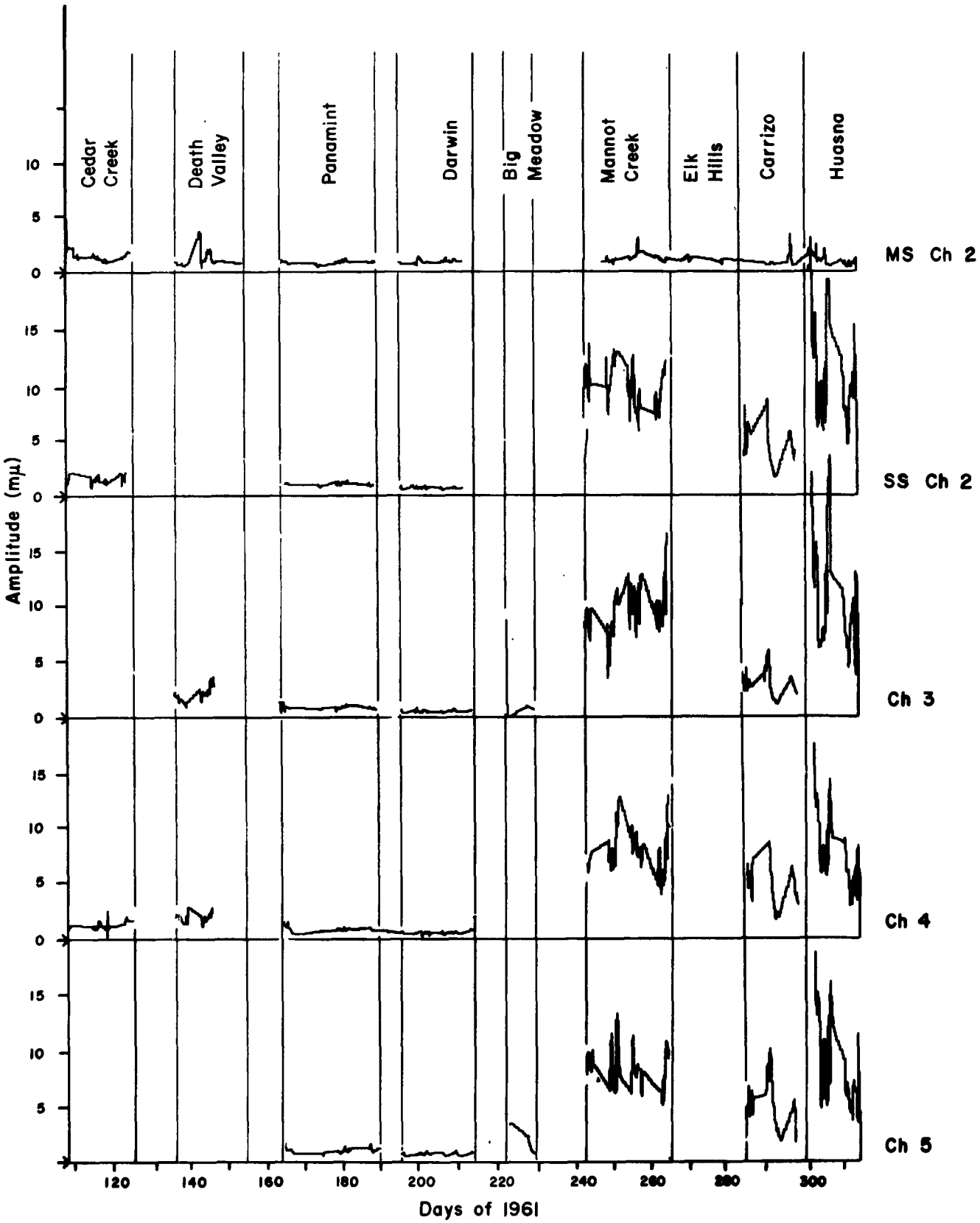
CALIFORNIA PROFILE
AVERAGE NOISE AMPLITUDES
AT .6 to .8 SECONDS PERIOD
for 200 second samples

Figure 6.12.4.1



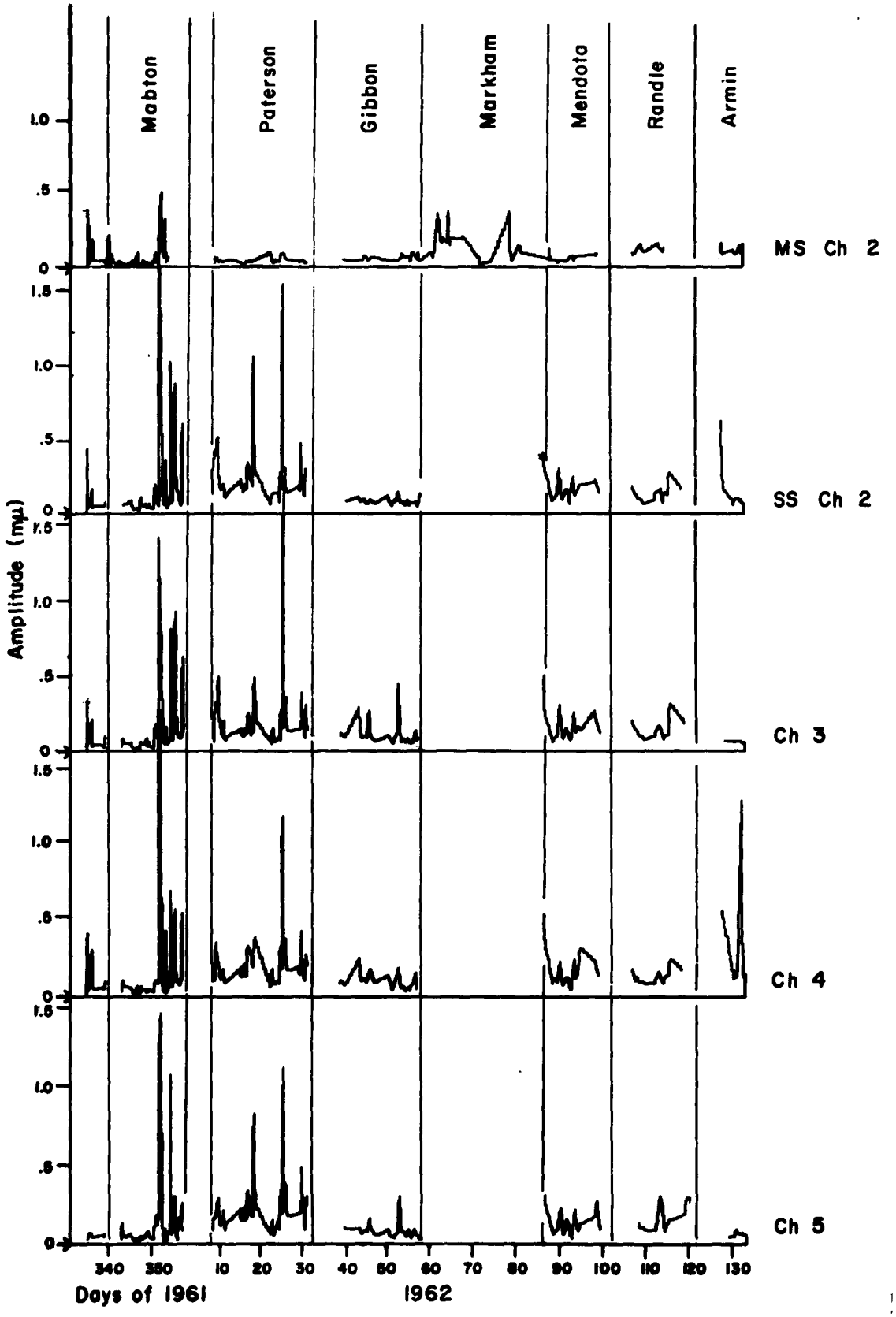
CALIFORNIA PROFILE
AVERAGE NOISE AMPLITUDES
AT 1.0 - 1.25 SECONDS PERIOD
for 200 second samples

Figure 6.12.4.2



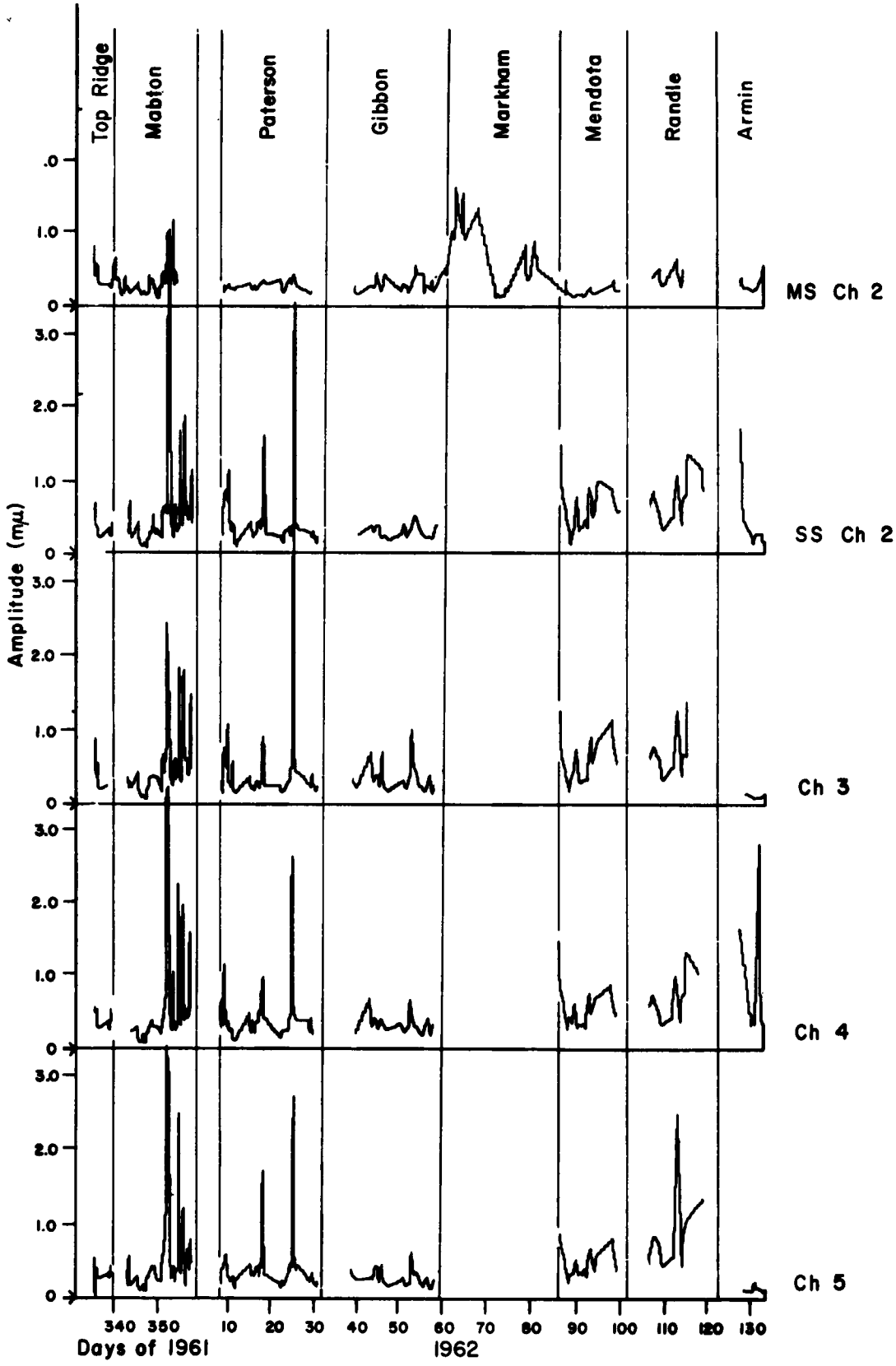
CALIFORNIA PROFILE
AVERAGE NOISE AMPLITUDES
AT 1.5 - 2.0 SECONDS PERIOD
for 200 second samples

Figure 6.12.4.3



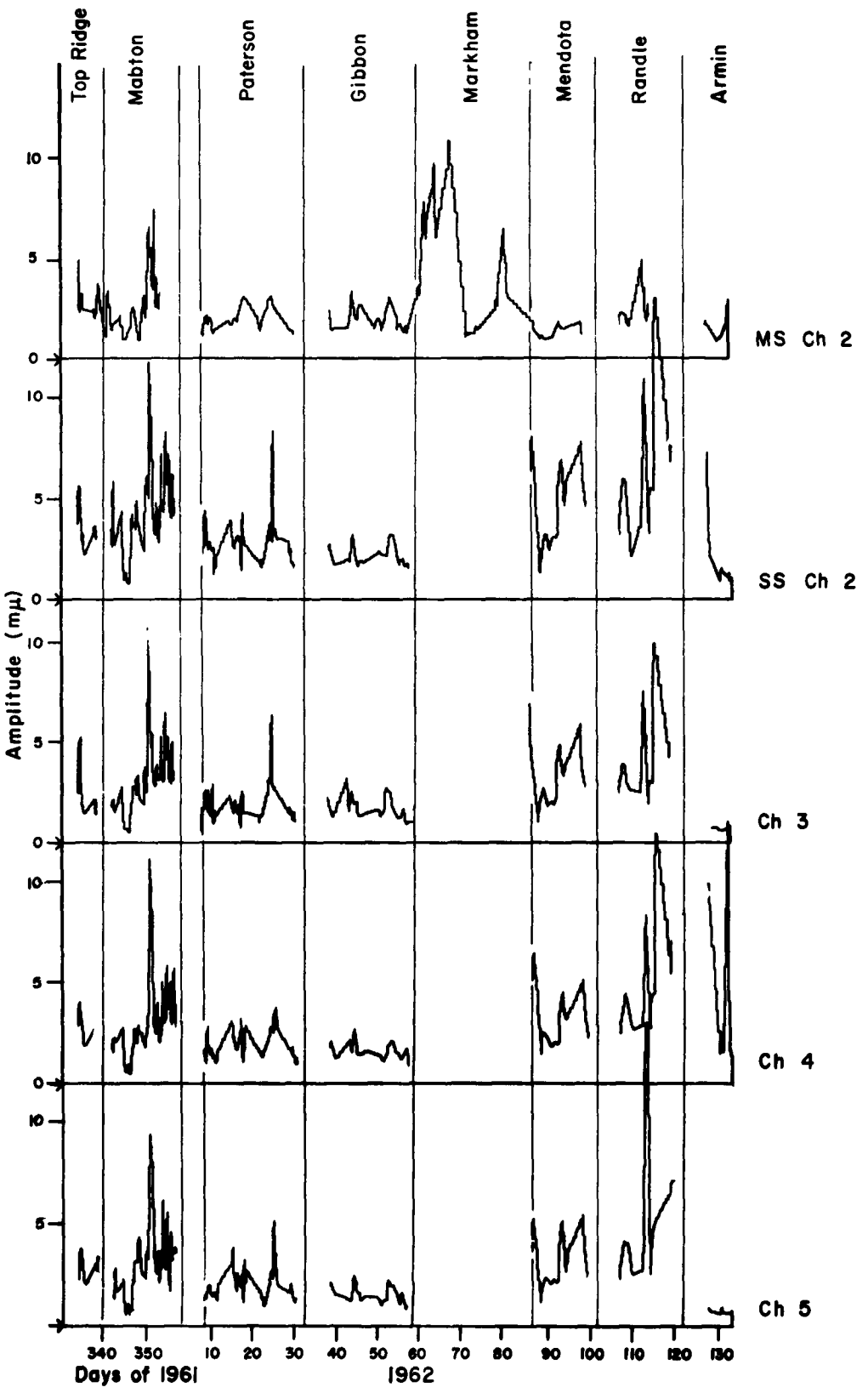
PACIFIC NORTHWEST PROFILE
AVERAGE NOISE AMPLITUDES
AT .6 to .8 SECONDS PERIOD
for 200 second samples

Figure 6.12.4.4



PACIFIC NORTHWEST PROFILE
AVERAGE NOISE AMPLITUDES
AT 1.0 - 1.25 SECONDS PERIOD
for 200 second samples

Figure 6.12.4.5



PACIFIC NORTHWEST PROFILE
AVERAGE NOISE AMPLITUDES
AT 1.5 - 2.0 SECONDS PERIOD
for 200 second samples

Figure 6.12.4.6

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34b Landform Maps of the United States.

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